

# PROGRAMMATEUR UNIVERSEL AVEC CONNECTEUR ISP, INTERFACE USB2.0 OU MODE AUTONOME, POUR EPROMs, EEPROMs, FLASH, PLD, MICROCONTROLEURS

Supporte plus de 10.000 composants



## SuperPro-IS01



### Présentation:

Le programmeur universel SUPERPRO-IS01 permet de programmer, à l'aide de sa sortie sur connecteur HE10 équipé d'un câble en nappe, les composants soudés sur carte équipé d'un connecteur ISP (In-System Programming). Ce câble en nappe relié à une pince de test permet également de programmer les composants CMS déjà soudés sur carte. Ce programmeur de taille restreinte est également pratique pour une utilisation en déplacement car il est équipé d'un clavier et d'un écran 4x16 caractères pour une utilisation en mode autonome sans connexion à un ordinateur, (utilisable avec une carte SD en option). Il supporte actuellement 10320 composants de 210 fabricants différents, (voir liste complète dans le datasheet) et supporte les composants low-voltage jusqu'à 1,2Vcc. Il supporte tous les protocoles standards ISP tel que I2C, SPI, UART, BDM, MW, JTAG, CAN, RS232. Il bénéficie également d'une protection contre les courts-circuits. Equipé d'un processeur ARM9 32bits RISC, il permet de programmer très rapidement les composants et d'optimiser les algorithmes de programmation. Le logiciel permet de définir des projets pour un composant spécifique de la librairie de composants avec les fonctions; d'effacement, de test de virginité, de programmation, de vérification et définition du fichier source à programmer, ceci permettant la programmation en mode production. Fonctionne sous WindowsXP/Vista/Win7/Win8/Win10 (32/64 bits).

### Caractéristiques:

Accepte tous les formats standards (JEDEC, INTEL (Extended) HEX, HOLTEK, EMC(.CDS), INTEL HEX16, Motorola S record, BINARY, Tektronix (linear & segmented), and auto find format.  
Gère les fichiers au format 16 bits et 32 bits.  
Identifie automatiquement les fabricants des E(E)PROMs.  
Paramètres de modifications des algorithmes.  
Effectue les tests sur les broches défectueuses.  
Système d'auto-test. Supporte le mode production de masse.  
Gère les composants low-voltage jusqu'à 1,2V.  
Supporte Windows XP / VISTA / Windows 7 / Windows8.1 / Windows10 (32bits et 64bits).

### Specifications électriques et matériels:

Dimensions appareil : 140 x 90 x 50mm. Poids : 340g  
Dimensions emballage : 210 x 180 x 100. poids : 1600g.  
Alimentation : transformateur entrée AC 85V à 260V, 50Hz/60Hz, sortie 12Vdc.  
Interface : connexion à un port USB (USB 2.0) à un ordinateur PC ou portable.  
Connecteurs : HE10-10 broches et HE10- 20 broches.

### Inclus:

Programmeur.  
Bloc d'alimentation.  
Câble ISP type A à 20 fils (pour toutes les interfaces sauf CAN et RS232).  
Câble USB type A-B  
Logiciel sur CD-ROM.  
Manuel d'utilisation en Anglais.

### Options:

Carte SD spécifique au programmeur.  
Câble ISP type B (CAN et RS232).

Informations produits : [www.seeit.fr](http://www.seeit.fr)

↓ Liste des composants programmés ↓



## LISTE DES COMPOSANTS SUPPORTES SuperPro-IS01 (Programmateur universel autonome ICSP)

Appuyer sur "CTRL + F" pour rechercher un composant

Programmateur universel SuperPro-IS01

Nombre de fabricants : 210

Nombre de composants : 10320

Explications pour lire une référence

Exemple: Attiny24 (High voltage) (\*)

-> ATTiny24 : nom du composant

-> (High voltage) : mode de programmation

-> (\*): ce composant a besoin d'être autorisé

### Fabricants:

ACE	ACE TECHNOLOGY	ACT	ACTIVE-SEMI
ACTRANS	ADESTO	ADVANCE-GROUP	AIT SEMICONDUCTOR
AKM	ALTERA	AMD	AMIC
ANACHIP	ANACHIP-ICT	APLUS-FLASH	ARTSCHIP
ASIC MICROELECTRONICS		ATC	ATMEL
BELLING	BJX	BOOKLY MICRO	BYD
CATALYST	CBC MICROELECTRONICS		CERAMATE
CFEON	CHINGIS	CHIPSWINNER	CKD TECHNOLOGY
CNCAEA	CORERIVER	CURTIS AG	CYGNAL
CYPRESS	DALLAS	DEIHL	DEUTRON
DFYB	DIALOG	DIEHL	DIEHL AKO
E-CMOS	EFST	ELMOS	EMTC
EON	EOREX	E-SHINE	ESMT
ESTEK	EVERSPIN	EXCELSEMI	EXEL
FAIRCHILD	FIDELIX	FIRST-RANK TECHNOLOGY	
FMD	FORWARD	FOXCONN	FREESCALE
FRONTTECH	FT	FUDAN	FUJITSU
FUXIN	GATELEVEL	GENERALPLUS	GIANTEC
GIGADEVICE	GMT	GREEN ENGINE	GTM
HINET	HISENSEHITACHI	HITACHI	HK
HODGEN	HOLTEK	HOPEFIND	HUA HONG NEC
HUA JIE TECHNOLOGYHYC		HYNIX	HYUNDAI
IC MICROSYSTEMS	ICT	IK SEMICONDUCTOR	INDIE
INFINEON	INTEGRAL	INTEL	INVENSYS
IR	ISSI	JABIL	JIAXIPERA
JINGHUI ELECTRONICS		JINXIN	KAIT
KEBODA	KEWLCHINA	KIMBALL	K-LINE
KODENSHI	KYOKUTO	LATTICE	LINKSMART
LITAO	LIZE	LOADINGTECH	LXJ
LYONTEK	MACRONIX	MAXCOM	MAXIM
MDH	MEDIA	MEGAWIN	MICROCHIP
MICROCHIP (SST)	MICROCHIP-A	MICROCHIP-CHANGHUI	MICROCHIP-TEST
MICRON	MICRONAS	MIDEA	MINDMOTION
MITSUBISHI	MSHINE	MT	MY-MS
NANSI	NANTRONICS	NEC	NEXFLASH

NIK MICROELECTR.	NORDIC	NSC	NUMONYX
NUOKEL	NXP	OKI	ON
ON SEMICONDUCTOR	PANASONIC	PANDA	PCT
PHILIPS	PJ	PMC	PORTEK
PSS	QDGK	RAMTRON	RATO
RAYDIUM	RENESAS	RICHTEK	ROBERTSHAW
ROBERTSHWA	ROHM	SAIFUN	SAMSUNG
SANYO	SEIKO	SGS-THOMSON	SIEMENS
SILICON	SILICON LABORATORIES		SINEVA
SINOWEALTH	SONY	SPANSION	SST
ST	ST-CUSTOMER	SUMMIT	SUNMOON
SZ-ICPRO	TECHTIUM	TERRA SEMICONDUCTOR	
TEST	TI	TMC	TOPSCOMM
TOSHIBA	TURBO IC	TURBO-IC	UNIGEN
VANTIS	VISTEON	WAVE SYSTEMS	WHIRLPOOL
WINBOND	WING SHING	WORLDSHINE	XELTEK
XICOR	XILINX	XXXXX-CUSTOMER	YFVE
YMC	YSS	YXDQ	YXLDZ
Z_WAVE	ZHENGXIN	ZKTECO	ZX

ACE

E (E) PROM/FRAM/NVRAM

ACE93C46 (08bit)

ACE93C46 (16bit)

ACE TECHNOLOGY

E (E) PROM/FRAM/NVRAM

ACE24C02

ACE24C02A

ACE24C04

ACE24C04A

ACE24C08

ACE24C08A

ACE24C128

ACE24C128A

ACE24C16

ACE24C16A

ACE24C256

ACE24C256A

ACE24C32

ACE24C64

ACE24LC02

ACE24LC04

ACE24LC08

ACE24LC16

ACT

E (E) PROM/FRAM/NVRAM

93LC46 (08bit)

93LC46 (16bit)

93LC56 (08bit)

93LC56 (16bit)

93LC66 (08bit)

93LC66 (16bit)

93LC86 (08bit)

93LC86 (16bit)

ACTIVE-SEMI

MICROCONTROLLER

CST32501 (SWD) (\*)

PAC5250 (SWD) (\*)

ACTRANS

E (E) PROM/FRAM/NVRAM

AC25010

AC25512

AC25LC010

AC25LC512

ADESTO

E (E) PROM/FRAM/NVRAM

AT25DL081 (\*)

AT45DB041E

AT45DB321E@SOIC8 (\*)

ADVANCE-GROUP

E (E) PROM/FRAM/NVRAM

AF24BC01

AF24BC02

AF24BC04

AF24BC08

AF24BC16

AF24C128

AF24C256

AF24C32

AF24C64

AF93C46 (08bit)

AF93C46 (16bit)

AF93C56 (08bit)

AF93C56 (16bit)

AF93C66 (08bit)

AF93C66 (16bit)

AF93C86 (08bit)

AF93C86 (16bit)

AIT SEMICONDUCTOR

E (E) PROM/FRAM/NVRAM

A24C02

A24C04

A24C08

A24C128

A24C16

A24C256

A24C32

A24C64

A93C46 (08bit)

A93C46 (16bit)

A93C56 (08bit)

A93C56 (16bit)

A93C66 (08bit)

A93C66 (16bit)

AKM

E (E) PROM/FRAM/NVRAM

AK6002A	AK6003A
AK6004A	AK6008A
AK6010A	AK6012A
AK6416A	AK6416C
AK6420A	AK6420B
AK6440A	AK6440B
AK6480A	AK6480B
AK6480C	AK6481C
AK6508C	AK6510C
AK6512C	AK6514C
AK6516C	AK93C10AF
AK93C41AV	AK93C45
AK93C45A	AK93C45B
AK93C45C	AK93C45L
AK93C46	AK93C46A
AK93C46B	AK93C46C
AK93C46L	AK93C51A
AK93C55	AK93C55A
AK93C55B	AK93C55C
AK93C55L	AK93C56
AK93C56A	AK93C56B
AK93C56C	AK93C56L
AK93C61A	AK93C65
AK93C65A	AK93C65B
AK93C65C	AK93C65L
AK93C66	AK93C66A
AK93C66B	AK93C66C
AK93C66L	AK93C75
AK93C75A	AK93C75B
AK93C75L	AK93C85
AK93C85L	AK93C95A
AK9822	AK9824
AK9844	

ALTERA

E (E) PROM/FRAM/NVRAM

EPC2LC20	EPC2LC20N
EPC2LI20	EPC2LI20N
EPC2TC32	EPC2TC32N
EPC2TI32	EPC2TI32N
EPCQ128 (*)	EPCQ16 (*)
EPCQ256 (*)	EPCQ32 (*)
EPCQ64 (*)	EPCS1
EPCS128	EPCS16
EPCS4	EPCS64

PLD

EPM1270F256C3	EPM1270F256C3N
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EPM1270F256C4  
EPM1270F256C5  
EPM1270F256I5  
EPM1270GF256C3  
EPM1270GF256C4  
EPM1270GF256C5  
EPM1270GF256I5  
EPM1270GM256C5N  
EPM1270GT144C3  
EPM1270GT144C4  
EPM1270GT144C5  
EPM1270GT144I5  
EPM1270M256C4N  
EPM1270M256I5N  
EPM1270T144C3N  
EPM1270T144C4N  
EPM1270T144C5N  
EPM1270T144I5N  
EPM2210F256C3N  
EPM2210F256C4N  
EPM2210F256C5N  
EPM2210F256I5N  
EPM2210F324C3N  
EPM2210F324C4N  
EPM2210F324C5N  
EPM2210F324I5N  
EPM2210GF256C3N  
EPM2210GF256C4N  
EPM2210GF256C5N  
EPM2210GF256I5N  
EPM2210GF324C3N  
EPM2210GF324C4N  
EPM2210GF324C5N  
EPM2210GF324I5N  
EPM240F100C5N  
EPM240F100I5N  
EPM240GF100I5N  
EPM240GM100I5N  
EPM240GT100C3N  
EPM240GT100C4N  
EPM240GT100C5N  
EPM240GT100I5N  
EPM240M100C5N  
EPM240T100C3  
EPM240T100C4  
EPM240T100C5  
EPM240T100I5  
EPM240ZM100C6N  
EPM240ZM68C6N  
EPM3032ALC44-10  
EPM3032ALC44-4  
EPM3032ALC44-7  
EPM3032ALI44-10  
EPM3032ATC44-10

EPM1270F256C4N  
EPM1270F256C5N  
EPM1270F256I5N  
EPM1270GF256C3N  
EPM1270GF256C4N  
EPM1270GF256C5N  
EPM1270GF256I5N  
EPM1270GM256I5N  
EPM1270GT144C3N  
EPM1270GT144C4N  
EPM1270GT144C5N  
EPM1270GT144I5N  
EPM1270M256C5N  
EPM1270T144C3  
EPM1270T144C4  
EPM1270T144C5  
EPM1270T144I5  
EPM2210F256C3  
EPM2210F256C4  
EPM2210F256C5  
EPM2210F256I5  
EPM2210F324C3  
EPM2210F324C4  
EPM2210F324C5  
EPM2210F324I5  
EPM2210GF256C3  
EPM2210GF256C4  
EPM2210GF256C5  
EPM2210GF256I5  
EPM2210GF324C3  
EPM2210GF324C4  
EPM2210GF324C5  
EPM2210GF324I5  
EPM240F100C4N  
EPM240F100I5  
EPM240GF100C5N  
EPM240GM100C5N  
EPM240GT100C3  
EPM240GT100C4  
EPM240GT100C5  
EPM240GT100I5  
EPM240M100C4N  
EPM240M100I5N  
EPM240T100C3N  
EPM240T100C4N  
EPM240T100C5N  
EPM240T100I5N  
EPM240ZM100C7N  
EPM240ZM68C7N  
EPM3032ALC44-10N  
EPM3032ALC44-4N  
EPM3032ALC44-7N  
EPM3032ALI44-10N  
EPM3032ATC44-10N

EPM3032ATC44-4	EPM3032ATC44-4N
EPM3032ATC44-7	EPM3032ATC44-7N
EPM3032ATI44-10	EPM3032ATI44-10N
EPM3064ALC44-10	EPM3064ALC44-10N
EPM3064ALC44-4	EPM3064ALC44-4N
EPM3064ALC44-7	EPM3064ALC44-7N
EPM3064ALI44-10	EPM3064ALI44-10N
EPM3064ATC100-10	EPM3064ATC100-10N
EPM3064ATC100-4	EPM3064ATC100-4N
EPM3064ATC100-7	EPM3064ATC100-7N
EPM3064ATC44-10	EPM3064ATC44-10N
EPM3064ATC44-4	EPM3064ATC44-4N
EPM3064ATC44-7	EPM3064ATC44-7N
EPM3064ATI100-10	EPM3064ATI100-10N
EPM3064ATI44-10	EPM3064ATI44-10N
EPM3128AFC256-10	EPM3128AFC256-5
EPM3128AFC256-7	EPM3128AFC256-7N
EPM3128AFI256-10	EPM3128AFI256-10N
EPM3128ATC100-10	EPM3128ATC100-10N
EPM3128ATC100-15	EPM3128ATC100-5
EPM3128ATC100-5N	EPM3128ATC100-7
EPM3128ATC100-7N	EPM3128ATC144-10
EPM3128ATC144-10N	EPM3128ATC144-15
EPM3128ATC144-5	EPM3128ATC144-5N
EPM3128ATC144-7	EPM3128ATC144-7N
EPM3128ATI100-10	EPM3128ATI100-10N
EPM3128ATI144-10	EPM3128ATI144-10N
EPM3256AFC256-10	EPM3256AFC256-7
EPM3256AFI256-10	EPM3256AQC208-10
EPM3256AQC208-10N	EPM3256AQC208-7
EPM3256AQC208-7N	EPM3256AQI208-10
EPM3256AQI208-10N	EPM3256ATC144-10
EPM3256ATC144-10N	EPM3256ATC144-7
EPM3256ATC144-7N	EPM3256ATI144-10
EPM3256ATI144-10N	EPM3512AFC256-10
EPM3512AFC256-10N	EPM3512AFC256-7
EPM3512AFC256-7N	EPM3512AFI256-10
EPM3512AFI256-10N	EPM3512AQC208-10
EPM3512AQC208-10N	EPM3512AQC208-7
EPM3512AQC208-7N	EPM3512AQI208-10
EPM3512AQI208-10N	EPM570F100C4N
EPM570F100C5N	EPM570F100I5
EPM570F100I5N	EPM570F256C3
EPM570F256C3N	EPM570F256C4
EPM570F256C4N	EPM570F256C5
EPM570F256C5N	EPM570F256I5
EPM570F256I5N	EPM570GF100C5N
EPM570GF100I5N	EPM570GF256C3
EPM570GF256C3N	EPM570GF256C4
EPM570GF256C4N	EPM570GF256C5
EPM570GF256C5N	EPM570GF256I5
EPM570GF256I5N	EPM570GM100C5N
EPM570GM100I5N	EPM570GM256C5N
EPM570GM256I5N	EPM570GT100C3

EPM570GT100C3N  
EPM570GT100C4N  
EPM570GT100C5N  
EPM570GT100I5N  
EPM570GT144C3N  
EPM570GT144C4N  
EPM570GT144C5N  
EPM570GT144I5N  
EPM570M100C5N  
EPM570M256C4N  
EPM570M256I5N  
EPM570T100C3N  
EPM570T100C4N  
EPM570T100C5N  
EPM570T100I5N  
EPM570T144C3N  
EPM570T144C4N  
EPM570T144C5N  
EPM570T144I5N  
EPM570ZM100C7N  
EPM570ZM144C7N  
EPM570ZM256C7N

EPM570GT100C4  
EPM570GT100C5  
EPM570GT100I5  
EPM570GT144C3  
EPM570GT144C4  
EPM570GT144C5  
EPM570GT144I5  
EPM570M100C4N  
EPM570M100I5N  
EPM570M256C5N  
EPM570T100C3  
EPM570T100C4  
EPM570T100C5  
EPM570T100I5  
EPM570T144C3  
EPM570T144C4  
EPM570T144C5  
EPM570T144I5  
EPM570ZM100C6N  
EPM570ZM144C6N  
EPM570ZM256C6N

AMD

E (E) PROM/FRAM/NVRAM

AM25FL005D  
AM25FL016A  
AM25FL032A  
AM25FL080D

AM25FL010D  
AM25FL020D  
AM25FL040D

PLD

M4-32/32JC44  
M4-32/32VC48  
M4-64/32VC44  
M4-96/48VC100  
M4A3-32/32VC44  
M4A3-64/32JC44  
M4A3-64/32VC48  
M4A5-32/32JC44  
M4A5-32/32VC48  
M4A5-64/32VC44  
M4A5-96/48VC100  
M4LV-32/32VC44  
M4LV-64/32JC44  
M4LV-64/32VC48

M4-32/32VC44  
M4-64/32JC44  
M4-64/32VC48  
M4A3-32/32JC44  
M4A3-32/32VC48  
M4A3-64/32VC44  
M4A3-96/48VC100  
M4A5-32/32VC44  
M4A5-64/32JC44  
M4A5-64/32VC48  
M4LV-32/32JC44  
M4LV-32/32VC48  
M4LV-64/32VC44  
M4LV-96/48VC100

AMIC

E (E) PROM/FRAM/NVRAM



A25L010	A25L010A
A25L016	A25L020
A25L020B	A25L020C
A25L032	A25L032 (NEW)
A25L032A	A25L040
A25L040A	A25L05P
A25L080	A25L080A
A25L080B	A25L10P
A25L16P (Bottom Boot)	A25L16P (Top Boot)
A25L20P	A25L40P (Bottom Boot)
A25L40P (Top Boot)	A25L42P
A25L512	A25L80P
A25L82P	A25LQ032A
A25LQ32B	A25LS080
A25LS512	A25LS5120

ANACHIP

E (E) PROM/FRAM/NVRAM

AM24LC02	AM24LC04
AM24LC08	AM24LC16
AM24LC21	AM24LC21B
AM93LC46 (08bit)	AM93LC46 (16bit)
AM93LC56 (08bit)	AM93LC56 (16bit)
AM93LC66 (08bit)	AM93LC66 (16bit)
AM93LC86 (08bit)	AM93LC86 (16bit)

ANACHIP-ICT

E (E) PROM/FRAM/NVRAM

93C46	93C46A
93C56A	93C66A
93CX46	93CX56
93CX66	

APLUS-FLASH

E (E) PROM/FRAM/NVRAM

AF24BC01	AF24BC02
AF24BC04	AF24BC08
AF24BC128	AF24BC16
AF24BC256	AF24BC32
AF24BC64	AF24C128
AF24C256	AF24C32
AF24C64	AF25BC08
AF25BC128	AF25BC16
AF25BC256	AF25BC32

AF25BC64	AF93BC46 (08bit)
AF93BC46 (16bit)	AF93BC56 (08bit)
AF93BC56 (16bit)	AF93BC66 (08bit)
AF93BC66 (16bit)	AF93BC86 (08bit)
AF93BC86 (16bit)	AF93C46 (08bit)
AF93C46 (16bit)	AF93C56 (08bit)
AF93C56 (16bit)	AF93C66 (08bit)
AF93C66 (16bit)	AF93C86 (08bit)
AF93C86 (16bit)	

#### ARTSCHIP

#### E (E) PROM/FRAM/NVRAM

24AA02	24LC01A
24LC01B	24LC02A
24LC04A	24LC04B
24LC08A	24LC08B
24LC16A	24LC256B
24LC32	24LC64

#### ASIC MICROELECTRONICS

#### E (E) PROM/FRAM/NVRAM

AX24C02	AX24C04
AX24C08	AX24C16
AX24C32	

#### ATC

#### E (E) PROM/FRAM/NVRAM

ATC24C02	ATC24C04
ATC24C08	ATC24C16
ATC24LC02	ATC24LC02A
ATC24LC04	ATC24LC08
ATC24LC16	ATC93C46 (08bit)
ATC93C46 (16bit)	ATC93C56 (08bit)
ATC93C56 (16bit)	ATC93C66 (08bit)
ATC93C66 (16bit)	ATC93LC46 (08bit)
ATC93LC46 (16bit)	ATC93LC56 (08bit)
ATC93LC56 (16bit)	ATC93LC66 (08bit)
ATC93LC66 (16bit)	

#### ATMEL

#### E (E) PROM/FRAM/NVRAM

AT17F040	AT17F040A
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AT17F080	AT17F080A
AT17F16	AT17F16A
AT17F32	AT17F32A
AT17LV002	AT17LV010
AT17LV010A	AT17LV020
AT17LV020A	AT17LV040
AT17LV128	AT17LV256
AT17LV512	AT17LV512A
AT17LV65	AT24C01
AT24C01A	AT24C01B
AT24C02	AT24C02A
AT24C02B	AT24C04
AT24C04A	AT24C04B
AT24C08	AT24C08A
AT24C08B	AT24C1024
AT24C1024B	AT24C1024BV
AT24C128	AT24C128B
AT24C128V	AT24C16
AT24C164	AT24C16A
AT24C16B	AT24C21
AT24C256	AT24C256B
AT24C256V	AT24C32
AT24C32A	AT24C32C
AT24C32D	AT24C512
AT24C512B	AT24C512V
AT24C64	AT24C64A
AT24C64B	AT24C64C
AT24C64D	AT24CM01
AT24CS128	AT24HC02B
AT25010	AT25010A
AT25020	AT25020A
AT25040	AT25040A
AT25080	AT25080A
AT25080B	AT25128
AT25128A	AT25128B
AT25160	AT25160A
AT25160B	AT25256
AT25256A	AT25256B
AT25320	AT25320A
AT25320B	AT25640
AT25640A	AT25640B
AT25DF021	AT25DF021 (OTP)
AT25DF041A	AT25DF081
AT25DF081A	AT25DF161
AT25DF161 (OTP)	AT25DF321
AT25DF321A (OTP)	AT25DF641 (OTP)
AT25DL081 (*)	AT25F1024
AT25F1024A	AT25F2048
AT25F2048A	AT25F4096
AT25F512	AT25F512A
AT25FS010	AT25FS040
AT25HP256	AT25HP512
AT25P1024	AT26DF081
AT26DF081A	AT26DF161

AT26DF161A	AT26DF321
AT26DL081A	AT26F004
AT34C02	AT34C02B
AT34C02C	AT45DB011D (264 byte)
AT45DB041D	AT45DB041D (264 byte) (*)
AT45DB041E	AT45DB081D
AT45DB161D (512 bytes)	AT45DB161D (528 bytes)
AT45DB161E (512 bytes)	AT45DB161E (528 bytes)
AT45DB642D	AT93C46 (08bit)
AT93C46 (16bit)	AT93C46A
AT93C46C	AT93C46D (08bit)
AT93C46D (16bit)	AT93C46E
AT93C56 (08bit)	AT93C56 (16bit)
AT93C56A (08bit)	AT93C56A (16bit)
AT93C57	AT93C66 (08bit)
AT93C66 (16bit)	AT93C66A (08bit)
AT93C66A (16bit)	AT93C86 (08bit)
AT93C86 (16bit)	AT93C86A (08bit)
AT93C86A (16bit)	

#### PLD

ATF1502AS	ATF1502ASL
ATF1502ASV	ATF1502ASVL
ATF1504AS	ATF1504ASL
ATF1504ASV	ATF1504ASVL
ATF1508	ATF1508AS
ATF1508ASL	ATF1508ASV
ATF1508ASVL	

#### MICROCONTROLLER

AT32UC3A0128	AT32UC3A0256
AT32UC3A0512	AT32UC3A1128
AT32UC3A1256	AT32UC3A1512
AT32UC3B0128	AT32UC3B0256
AT32UC3B0512	AT32UC3B064
AT32UC3B1128	AT32UC3B1256
AT32UC3B1512	AT32UC3B164
AT32UC3C0128C	AT32UC3C0256C
AT32UC3C0512C	AT32UC3C064C
AT32UC3C1128C	AT32UC3C1256C
AT32UC3C1512C	AT32UC3C164C
AT32UC3C2128C	AT32UC3C2256C
AT32UC3C2512C	AT32UC3C264C
AT89LS51	AT89LS52 (*)
AT89S51	AT89S52
AT89S8253	AT90CAN128
AT90CAN128 (JTAG)	AT90CAN32
AT90CAN32 (JTAG)	AT90CAN64
AT90CAN64 (JTAG)	AT90PWM316 (*)
AT90USB1286	AT90USB1287
AT90USB162	AT90USB646
AT90USB647	AT90USB82

ATA5780	ATA5780N
ATA5791 (*)	ATA5830 (*)
ATA6616	ATA6617
ATA6617_ATA5781 (*)	ATA6617_ATA5831 (*)
ATMEGA128	ATMEGA128 (JTAG)
ATMEGA1280	ATMEGA1280 (JTAG)
ATMEGA1280V	ATMEGA1280V (JTAG)
ATMEGA128A (JTAG)	ATMEGA128L
ATMEGA128L (JTAG)	ATMEGA16
ATMEGA16 (JTAG)	ATMEGA164A (*)
ATMEGA164PA (*)	ATMEGA168
ATMEGA168A	ATMEGA168P
ATMEGA168PA	ATMEGA168PV
ATMEGA168V	ATMEGA169 (JTAG)
ATMEGA169P (JTAG)	ATMEGA169PV (JTAG)
ATMEGA169V (JTAG)	ATMEGA16L
ATMEGA16L (JTAG)	ATMEGA16M1
ATMEGA2560	ATMEGA2560 (JTAG)
ATMEGA2560V	ATMEGA2560V (JTAG)
ATMEGA2561	ATMEGA2561 (JTAG)
ATMEGA2561V	ATMEGA2561V (JTAG)
ATMEGA32	ATMEGA32 (JTAG)
ATMEGA324A (SPI) (*)	ATMEGA3250
ATMEGA325P	ATMEGA325V
ATMEGA328P	ATMEGA328PV
ATMEGA329	ATMEGA3290
ATMEGA329P	ATMEGA329PA (JTAG) (*)
ATMEGA32C1	ATMEGA32L
ATMEGA32L (JTAG)	ATMEGA32M1
ATMEGA406 (JTAG)	ATMEGA48 (*)
ATMEGA48P (*)	ATMEGA48PA (*)
ATMEGA48PV (*)	ATMEGA48V (*)
ATMEGA64	ATMEGA64 (JTAG)
ATMEGA644	ATMEGA644 (JTAG)
ATMEGA644P	ATMEGA644P (JTAG)
ATMEGA644PV	ATMEGA644PV (JTAG)
ATMEGA644V	ATMEGA644V (JTAG)
ATMEGA645	ATMEGA645 (JTAG)
ATMEGA6450	ATMEGA6450 (JTAG)
ATMEGA649 (JTAG)	ATMEGA649V
ATMEGA649V (JTAG)	ATMEGA64A
ATMEGA64A (JTAG)	ATMEGA64C1
ATMEGA64L	ATMEGA64L (JTAG)
ATMEGA64M1	ATMEGA8
ATMEGA8515	ATMEGA8515L
ATMEGA8535	ATMEGA8535L
ATMEGA88	ATMEGA88 (PHILIPS) (*)
ATMEGA88P	ATMEGA88PA (PHILIPS) (*)
ATMEGA88PB (PHILIPS) (*)	ATMEGA88PV
ATMEGA88V	ATMEGA8A
ATMEGA8L	ATSAM4CMS8CB-AU (*)
ATSAM4E8C (SWD) (*)	ATSAM4N8A (SWD) (*)
ATSAMD21E18A (SWD) (*)	ATTINY10 (High voltage)
ATTINY10 (Low voltage)	Attiny13

ATtiny13A	ATtiny13V
ATTINY1614@ISP(*)	ATTINY1616@ISP(*)
ATtiny167	ATTINY2313
ATTINY2313A	ATTINY2313V
ATtiny24(Low voltage)	ATtiny24A(High voltage) (*)
ATtiny24V(Low voltage)	ATtiny25(Low voltage)
ATtiny25V(Low voltage)	ATtiny261
ATtiny261A	ATtiny261V
ATTINY3216@ISP(*)	ATTINY4(High voltage)
ATTINY4(Low voltage)	ATTINY4313
ATtiny44(Low voltage)	ATtiny441(Low voltage) (*)
ATtiny44A(Low voltage) (*)	ATtiny44V(Low voltage)
ATtiny45(Low voltage)	ATtiny45V(Low voltage)
ATtiny461	ATtiny461A
ATtiny461V	ATtiny48
ATtiny48V	ATTINY5(High voltage)
ATTINY5(Low voltage)	ATTINY814@ISP(*)
ATtiny84(Low voltage)	ATtiny84V(Low voltage)
ATtiny85(Low voltage)	ATtiny85V(Low voltage)
ATtiny861	ATtiny861A
ATtiny861V	ATtiny87
ATtiny88	ATtiny88V
ATTINY9(High voltage)	ATTINY9(Low voltage)
ATxmega128A1	ATxmega128A3
ATxmega192A1	ATxmega192A3
ATxmega256A1	ATxmega256A3
ATxmega64A1	ATxmega64A3

BELLING

E (E) PROM/FRAM/NVRAM

BL24C02	BL24C04
BL24C08	BL24C128
BL24C16	BL24C256
BL24C32	BL24C64

BJX

E (E) PROM/FRAM/NVRAM

BJX24LC02	BJX24LC04
BJX24LC08	BJX24LC16

BOOKLY MICRO

E (E) PROM/FRAM/NVRAM

24C02	24C04
24C08	24C16
24C32	24C64

BYD

MICROCONTROLLER

MB96F696R (UART 8M) (\*)

CATALYST

E (E) PROM/FRAM/NVRAM

CAT1320	CAT1321
CAT14002	CAT14004
CAT14008	CAT14016
CAT15002	CAT15004
CAT15008	CAT15016
CAT1640	CAT1641
CAT24AA01	CAT24AA02
CAT24AA04	CAT24AA08
CAT24AA16	CAT24AC128
CAT24C00	CAT24C01
CAT24C02	CAT24C03
CAT24C04	CAT24C05
CAT24C08	CAT24C08I
CAT24C09	CAT24C128
CAT24C16	CAT24C164
CAT24C16I	CAT24C208
CAT24C21	CAT24C256
CAT24C32	CAT24C44
CAT24C64	CAT24F32
CAT24F32A	CAT24FC01
CAT24FC02	CAT24FC16
CAT24FC17	CAT24FC256
CAT24FC32	CAT24FC64
CAT24FC65	CAT24FC66
CAT24LC02	CAT24WC01
CAT24WC02	CAT24WC03
CAT24WC04	CAT24WC05
CAT24WC08	CAT24WC09
CAT24WC128	CAT24WC129
CAT24WC16	CAT24WC164
CAT24WC17	CAT24WC256
CAT24WC257	CAT24WC32
CAT24WC33	CAT24WC64
CAT24WC65	CAT24WC66
CAT25010	CAT25020
CAT25040	CAT25080
CAT25128	CAT25160
CAT25256	CAT25320
CAT25640	CAT25C01
CAT25C02	CAT25C03
CAT25C04	CAT25C05

CAT25C08	CAT25C09
CAT25C11	CAT25C128
CAT25C16	CAT25C17
CAT25C256	CAT25C32
CAT25C33	CAT25C64
CAT25C65	CAT33C101 (08bit)
CAT33C101 (16bit)	CAT33C101H (08bit)
CAT33C101H (16bit)	CAT33C101I (08bit)
CAT33C101I (16bit)	CAT33C104 (08bit)
CAT33C104 (16bit)	CAT33C104I (08bit)
CAT33C104I (16bit)	CAT34C02
CAT34FC02	CAT34RC02
CAT34TS02	CAT34WC02
CAT35C102	CAT35C102H
CAT35C102I	CAT35C104 (08bit)
CAT35C104 (16bit)	CAT35C104H (08bit)
CAT35C104I (08bit)	CAT35C104I (16bit)
CAT64LC20	CAT64LC40
CAT93C46 (08bit)	CAT93C46 (16bit)
CAT93C46A	CAT93C46R (08bit)
CAT93C56 (08bit)	CAT93C56 (16bit)
CAT93C57	CAT93C66 (08bit)
CAT93C76 (08bit)	CAT93C76 (16bit)
CAT93C86 (08bit)	CAT93C86 (16bit)
CAT93H46 (08bit)	CAT93H46 (16bit)
CAT93HC46 (08bit)	CAT93HC46 (16bit)

CBC MICROELECTRONICS

E (E) PROM/FRAM/NVRAM

MC24LC02	MC24LC04
MC24LC08	MC24LC16

CERAMATE

E (E) PROM/FRAM/NVRAM

24LC02	24LC08
24LC16	24LLC02
24LLC08	93LC46
93LC46R	93LC56
93LC66	

CFEON

E (E) PROM/FRAM/NVRAM

EN25F16	EN25F80
EN25Q128	EN25QA32
EN25QH16	EN25QH32



EN25QH64

EN25T16

CHINGIS

E (E) PROM/FRAM/NVRAM

PM25LD010

PM25LD010C

PM25LD020

PM25LD020C

PM25LD040

PM25LD256C

PM25LD512

PM25LD512C

PM25LV010

PM25LV020

PM25LV040

PM25LV512

PM25W020

CHIPSWINNER

E (E) PROM/FRAM/NVRAM

CW24C02

CW24C02A

CW24C02B

CW24C02C

CW24C04

CW24C04A

CW24C08

CW24C08A

CW24C08B

CW24C08C

CW24C128

CW24C16

CW24C16A

CW24C256

CW24C32

CW24C64

CW25P01

CW25P02

CW25P05

CW25P10

CKD TECHNOLOGY

E (E) PROM/FRAM/NVRAM

CKD24A02

CNCAEA

E (E) PROM/FRAM/NVRAM

GD25Q64

CORERIVER

E (E) PROM/FRAM/NVRAM

CR24C01

CR24C02

CR24C04

CR24C08

CR24C128

CR24C16

CR24C256

CR24C32

CR24C64  
CR93C46 (16bit)  
CR93C56 (16bit)  
CR93C66 (16bit)  
CR93C86 (16bit)

CR93C46 (08bit)  
CR93C56 (08bit)  
CR93C66 (08bit)  
CR93C86 (08bit)

CURTIS AG

E (E) PROM/FRAM/NVRAM

SST25VF064C\_AT25256B

CYGNAL

MICROCONTROLLER

C8051F320 (\*)  
C8051F321 (\*)  
C8051F323 (\*)  
C8051F324 (\*)  
C8051F326 (\*)  
C8051F327 (\*)  
C8051F330 (\*)  
C8051F331 (\*)  
C8051F333 (\*)  
C8051F334 (\*)  
C8051F336 (\*)  
C8051F337 (\*)  
C8051F338 (\*)  
C8051F339 (\*)  
C8051F520 (\*)  
C8051F521 (\*)  
C8051F523 (\*)  
C8051F524 (\*)  
C8051F526 (\*)  
C8051F527 (\*)  
C8051F530 (\*)  
C8051F531 (\*)  
C8051F533 (\*)  
C8051F534 (\*)  
C8051F536 (\*)  
C8051F537 (\*)  
C8051T626 (\*)  
SI1000 (\*)  
SI1002 (\*)  
SI1004 (\*)  
SI1010 (\*)  
SI1012 (\*)  
SI1014 (\*)

C8051F320A (\*)  
C8051F321A (\*)  
C8051F323A (\*)  
C8051F324A (\*)  
C8051F326A (\*)  
C8051F327A (\*)  
C8051F330A (\*)  
C8051F331A (\*)  
C8051F333A (\*)  
C8051F334A (\*)  
C8051F336A (\*)  
C8051F337A (\*)  
C8051F338A (\*)  
C8051F339A (\*)  
C8051F520A (\*)  
C8051F521A (\*)  
C8051F523A (\*)  
C8051F524A (\*)  
C8051F526A (\*)  
C8051F527A (\*)  
C8051F530A (\*)  
C8051F531A (\*)  
C8051F533A (\*)  
C8051F534A (\*)  
C8051F536A (\*)  
C8051F537A (\*)  
C8051T626-B (\*)  
SI1001 (\*)  
SI1003 (\*)  
SI1005 (\*)  
SI1011 (\*)  
SI1013 (\*)  
SI1015 (\*)

CYPRESS

PLD

CY37032@PLCC44	CY37032@TQFP44
CY37032V@PLCC44	CY37032V@TQFP44
CY37064-PLCC44	CY37064-PLCC84
CY37064-TQFP100	CY37064V-PLCC44
CY37064V-PLCC84	CY37064V-TQFP100
CY37128-PLCC84	CY37128-TQFP100
CY37128-TQFP160	CY37128V-PLCC84
CY37128V-TQFP100	CY37128V-TQFP160
CY37192-TQFP160	CY37192V-TQFP160
CY37256-PQFP208	CY37256-TQFP160
CY37256V-PQFP208	CY37256V-TQFP160
CY37384-LBGA256	CY37384-PQFP208
CY37384V-LBGA256	CY37384V-PQFP208
CY37512-LBGA256	CY37512-LBGA352
CY37512-PQFP208	CY37512V-LBGA256
CY37512V-LBGA352	CY37512V-PQFP208

MICROCONTROLLER

CY7C60443 (*)	CY7C60445 (*)
CY7C60455 (*)	CY7C60456 (*)
CY7C64215-28PVXC (*)	CY7C64215-28PVXCT (*)
CY7C64215-56LFXC (*)	CY7C64215-56LFXCT (*)
CY7C64215-56LTXC (*)	CY7C64215-56LTXCT (*)
CY7C64215-56LTXI (*)	CY7C64215-56LTXIT (*)
CY7C64315 (*)	CY7C64316 (*)
CY7C64343 (*)	CY7C64345 (*)
CY7C64355 (*)	CY7C64356 (*)
CY8C20066 (*)	CY8C20066A (*)
CY8C20236 (*)	CY8C20236A (*)
CY8C20237 (*)	CY8C20237S (*)
CY8C20246 (*)	CY8C20246A (*)
CY8C20247 (*)	CY8C20247S (*)
CY8C20266 (*)	CY8C20266A (*)
CY8C20296 (*)	CY8C20296A (*)
CY8C20336 (*)	CY8C20336A (*)
CY8C20337 (*)	CY8C20337S (*)
CY8C20346 (*)	CY8C20346A (*)
CY8C20347 (*)	CY8C20347S (*)
CY8C20366 (*)	CY8C20366A (*)
CY8C20396 (*)	CY8C20396A (*)
CY8C20397 (*)	CY8C20397S (*)
CY8C20436 (*)	CY8C20436A (*)
CY8C20437 (*)	CY8C20437S (*)
CY8C20446 (*)	CY8C20446A (*)
CY8C20447 (*)	CY8C20447S (*)
CY8C20466 (*)	CY8C20466A (*)
CY8C20467 (*)	CY8C20467S (*)
CY8C20496 (*)	CY8C20496A (*)
CY8C20497 (*)	CY8C20497S (*)
CY8C20536 (*)	CY8C20536A (*)

CY8C20537 (*)	CY8C20537S (*)
CY8C20546 (*)	CY8C20546A (*)
CY8C20547 (*)	CY8C20547S (*)
CY8C20566 (*)	CY8C20566A (*)
CY8C20567 (*)	CY8C20567S (*)
CY8C20596 (*)	CY8C20596A (*)
CY8C20636 (*)	CY8C20636A (*)
CY8C20637 (*)	CY8C20637S (*)
CY8C20646 (*)	CY8C20646A (*)
CY8C20647 (*)	CY8C20647S (*)
CY8C20666 (*)	CY8C20666A (*)
CY8C20667 (*)	CY8C20667S (*)
CY8C20696 (*)	CY8C20696A (*)
CY8C21334 (*)	CY8C21345 (*)
CY8C21434 (*)	CY8C21512 (*)
CY8C21534 (*)	CY8C22345 (*)
CY8C22545 (*)	CY8C24533 (*)
CY8C24533A (*)	CY8C24794-24LFXI (*)
CY8C24794-24LFXIT (*)	CY8C24894-24LFXI (*)
CY8C24894-24LFXIT (*)	CY8C24994-24LFXI (*)
CY8C24994-24LFXIT (*)	CY8C27466-24PVXI (*)
CY8C27466-24PVXIT (*)	CY8C27466-24PXI (*)
CY8C27466-24SVXI (*)	CY8C27466-24SVXIT (*)
CY8C27466-24SXI (*)	CY8C27566-24AXI (*)
CY8C27566-24AXIT (*)	CY8C27666-24LFXI (*)
CY8C27666-24PVXI (*)	CY8C27666-24PVXIT (*)
CY8C27866-24AXI (*)	CY8C27866-24AXIT (*)
CY8C28243-24PVXI (*)	CY8C28403-24PVXI (*)
CY8C28413-24PVXI (*)	CY8C28433-24PVXI (*)
CY8C28445-24PVXI (*)	CY8C28452-24PVXI (*)
CY8C28513-24AXI (*)	CY8C28533-24AXI (*)
CY8C28545-24AXI (*)	CY8C28623-24LTXI (*)
CY8C28643-24LTXI (*)	CY8C28645-24LTXI (*)
CY8C29466-24PVXI (*)	CY8C29466-24PVXIT (*)
CY8C29466-24PXI (*)	CY8C29466-24SVXI (*)
CY8C29466-24SVXIT (*)	CY8C29466-24SXI (*)
CY8C29566-24AXI (*)	CY8C29566-24AXIT (*)
CY8C29666-24LFXI (*)	CY8C29666-24PVXI (*)
CY8C29666-24PVXIT (*)	CY8C29866-24AXI (*)
CY8C29866-24AXIT (*)	CY8C3244AXI-153@TQFP100 (*)
CY8C3244LTI-123@QFN48 (*)	CY8C3244LTI-130@QFN68 (*)
CY8C3244PVI-133@SSOP48 (*)	CY8C3245AXI-158@TQFP100 (*)
CY8C3245AXI-166@TQFP100 (*)	CY8C3245LTI-129@QFN68 (*)
CY8C3245LTI-139@QFN48 (*)	CY8C3245LTI-144@QFN48 (*)
CY8C3245LTI-163@QFN68 (*)	CY8C3245PVI-134@SSOP48 (*)
CY8C3245PVI-150@SSOP48 (*)	CY8C3246AXI-131@TQFP100 (*)
CY8C3246AXI-138@TQFP100 (*)	CY8C3246LTI-125@QFN48 (*)
CY8C3246LTI-128@QFN68 (*)	CY8C3246LTI-149@QFN68 (*)
CY8C3246LTI-162@QFN48 (*)	CY8C3246PVI-122@SSOP48 (*)
CY8C3246PVI-147@SSOP48 (*)	CY8C3444AXI-116@TQFP100 (*)
CY8C3444LTI-110@QFN68 (*)	CY8C3444LTI-119@QFN48 (*)
CY8C3444PVI-100@SSOP48 (*)	CY8C3445AXI-104@TQFP100 (*)
CY8C3445AXI-108@TQFP100 (*)	CY8C3445LTI@QFN68 (*)
CY8C3445LTI-078@QFN48 (*)	CY8C3445LTI-079@QFN68 (*)

CY8C3445LTI-081@QFN68 (\*)  
CY8C3445PVI-090@SSOP48 (\*)  
CY8C3446AXI-099@TQFP100 (\*)  
CY8C3446LTI-073@QFN48 (\*)  
CY8C3446LTI-083@QFN48 (\*)  
CY8C3446PVI-091@SSOP48 (\*)  
CY8C3665AXI-010@TQFP100 (\*)  
CY8C3665LTI-006@QFN48 (\*)  
CY8C3665PVI-007@SSOP48 (\*)  
CY8C3665PVI-080@SSOP48 (\*)  
CY8C3666AXI-037@TQFP100 (\*)  
CY8C3666LTI-027@QFN68 (\*)  
CY8C3865AXI-019@TQFP100 (\*)  
CY8C3865LTI-062@QFN48 (\*)  
CY8C3865PVI-063@SSOP48 (\*)  
CY8C3866AXI-039@TQFP100 (\*)  
CY8C3866LTI-030@QFN68 (\*)  
CY8C3866LTI-068@QFN48 (\*)  
CY8C3866PVI-070@SSOP48 (\*)  
CY8C4125 (SWD) (\*)  
CY8C4126AXI-S455 (\*)  
CY8C4127AZI-S455 (\*)  
CY8CEBIKEAXI (SWD) (\*)  
CY8CNP102E (\*)  
CY8CTMG200A (\*)  
CY8CTMG201A (\*)  
CY8CTST200A (\*)  
CY8CTST201A (\*)

CY8C3445LTI-089@QFN48 (\*)  
CY8C3445PVI-094@SSOP48 (\*)  
CY8C3446AXI-105@TQFP100 (\*)  
CY8C3446LTI-074@QFN68 (\*)  
CY8C3446LTI-085@QFN68 (\*)  
CY8C3446PVI-102@SSOP48 (\*)  
CY8C3665AXI-016@TQFP100 (\*)  
CY8C3665LTI-044@QFN68 (\*)  
CY8C3665PVI-008@SSOP48 (\*)  
CY8C3666AXI-036@TQFP100 (\*)  
CY8C3666AXI-052@TQFP100 (\*)  
CY8C3666LTI-050@QFN48 (\*)  
CY8C3865LTI-014@QFN68 (\*)  
CY8C3865PVI-060@SSOP48 (\*)  
CY8C3866AXI-035@TQFP100 (\*)  
CY8C3866AXI-040@TQFP100 (\*)  
CY8C3866LTI-067@QFN48 (\*)  
CY8C3866PVI-021@SSOP48 (\*)  
CY8C4025 (\*)  
CY8C4125AXI-M445 (\*)  
CY8C4126AZI-S455 (\*)  
CY8C4245 (SWD) (\*)  
CY8CNP102B (\*)  
CY8CTMG200 (\*)  
CY8CTMG201 (\*)  
CY8CTST200 (\*)  
CY8CTST201 (\*)  
CY95F636K (\*)

DALLAS

E (E) PROM/FRAM/NVRAM

DS2431P (\*)

DS2432P

DEIHL

E (E) PROM/FRAM/NVRAM

MX66L51235F  
MX66L51235F (NEW)

MX66L51235F (gang1)

DEUTRON

E (E) PROM/FRAM/NVRAM

AC25LV010

AC25LV512

DFYB

MICROCONTROLLER

FS32K144HRT0MLLT (\*)

DIALOG

MICROCONTROLLER

DA14580 (\*)

DIEHL

MICROCONTROLLER

MB9BF122L (SWD) (\*)

R5F102AAASP (\*)

uPD78F1141AGA (\*)

uPD78F1141AGK (\*)

uPD78F1141GB (\*)

uPD78F1142AGA (\*)

uPD78F1142AGK (\*)

uPD78F1142GB (\*)

uPD78F1143AGA (\*)

uPD78F1143AGK (\*)

uPD78F1143GB (\*)

uPD78F1144AGA (\*)

uPD78F1144AGK (\*)

uPD78F1144GB (\*)

uPD78F1145AGA (\*)

uPD78F1145AGK (\*)

uPD78F1145GB (\*)

uPD78F1146AGA (\*)

uPD78F1146AGK (\*)

uPD78F1146GB (\*)

uPD78F1152AGC (\*)

uPD78F1152GC (\*)

uPD78F1153AGC (\*)

uPD78F1153GC (\*)

uPD78F1154AGC (\*)

uPD78F1154GC (\*)

uPD78F1155AGC (\*)

uPD78F1155GC (\*)

uPD78F1156AGC (\*)

uPD78F1156GC (\*)

uPD78F1162AGC (\*)

uPD78F1162GC (\*)

uPD78F1163AGC (\*)

uPD78F1163GC (\*)

uPD78F1164AGC (\*)

uPD78F1164GC (\*)

uPD78F1165AGC (\*)

uPD78F1165GC (\*)

MB9BF124L (SWD) (\*)

R5F102AADSP (\*)

uPD78F1141AGB (\*)

uPD78F1141GA (\*)

uPD78F1141GK (\*)

uPD78F1142AGB (\*)

uPD78F1142GA (\*)

uPD78F1142GK (\*)

uPD78F1143AGB (\*)

uPD78F1143GA (\*)

uPD78F1143GK (\*)

uPD78F1144AGB (\*)

uPD78F1144GA (\*)

uPD78F1144GK (\*)

uPD78F1145AGB (\*)

uPD78F1145GA (\*)

uPD78F1145GK (\*)

uPD78F1146AGB (\*)

uPD78F1146GA (\*)

uPD78F1146GK (\*)

uPD78F1152AGK (\*)

uPD78F1152GK (\*)

uPD78F1153AGK (\*)

uPD78F1153GK (\*)

uPD78F1154AGK (\*)

uPD78F1154GK (\*)

uPD78F1155AGK (\*)

uPD78F1155GK (\*)

uPD78F1156AGK (\*)

uPD78F1156GK (\*)

uPD78F1162AGF (\*)

uPD78F1162GF (\*)

uPD78F1163AGF (\*)

uPD78F1163GF (\*)

uPD78F1164AGF (\*)

uPD78F1164GF (\*)

uPD78F1165AGF (\*)

uPD78F1165GF (\*)

uPD78F1166AGC (\*)  
uPD78F1166GC (\*)  
uPD78F1167AGC (\*)  
uPD78F1167GC (\*)  
uPD78F1168AGC (\*)  
uPD78F1168GC (\*)

uPD78F1166AGF (\*)  
uPD78F1166GF (\*)  
uPD78F1167AGF (\*)  
uPD78F1167GF (\*)  
uPD78F1168AGF (\*)  
uPD78F1168GF (\*)

DIEHL AKO

MICROCONTROLLER

R5F1006A (\*)  
R5F1006D (\*)  
R5F1006F (\*)  
R5F1006H (\*)  
R5F1006K (\*)  
R5F1007A (\*)  
R5F1007D (\*)  
R5F1007F (\*)  
R5F1007H (\*)  
R5F1007K (\*)  
R5F1008A (\*)  
R5F1008D (\*)  
R5F1008F (\*)  
R5F1008H (\*)  
R5F1008K (\*)  
R5F100AA (\*)  
R5F100AD (\*)  
R5F100AF (\*)  
R5F100AH (\*)  
R5F100AK (\*)  
R5F100BA (\*)  
R5F100BD (\*)  
R5F100BF (\*)  
R5F100BH (\*)  
R5F100BK (\*)  
R5F100CA (\*)  
R5F100CD (\*)  
R5F100CF (\*)  
R5F100CH (\*)  
R5F100CK (\*)  
R5F100EA (\*)  
R5F100ED (\*)  
R5F100EF (\*)  
R5F100EH (\*)  
R5F100EK (\*)  
R5F100FA (\*)  
R5F100FD (\*)  
R5F100FF (\*)  
R5F100FG (HAIER) (\*)  
R5F100FJ (\*)  
R5F100FL (\*)  
R5F100GC (\*)

R5F1006C (\*)  
R5F1006E (\*)  
R5F1006G (\*)  
R5F1006J (\*)  
R5F1006L (\*)  
R5F1007C (\*)  
R5F1007E (\*)  
R5F1007G (\*)  
R5F1007J (\*)  
R5F1007L (\*)  
R5F1008C (\*)  
R5F1008E (\*)  
R5F1008G (\*)  
R5F1008J (\*)  
R5F1008L (\*)  
R5F100AC (\*)  
R5F100AE (\*)  
R5F100AG (\*)  
R5F100AJ (\*)  
R5F100AL (\*)  
R5F100BC (\*)  
R5F100BE (\*)  
R5F100BG (\*)  
R5F100BJ (\*)  
R5F100BL (\*)  
R5F100CC (\*)  
R5F100CE (\*)  
R5F100CG (\*)  
R5F100CJ (\*)  
R5F100CL (\*)  
R5F100EC (\*)  
R5F100EE (\*)  
R5F100EG (\*)  
R5F100EJ (\*)  
R5F100EL (\*)  
R5F100FC (\*)  
R5F100FE (\*)  
R5F100FG (\*)  
R5F100FH (\*)  
R5F100FK (\*)  
R5F100GA (\*)  
R5F100GD (\*)

R5F100GE (*)	R5F100GF (*)
R5F100GG (*)	R5F100GH (*)
R5F100GJ (*)	R5F100GK (*)
R5F100GL (*)	R5F100JA (*)
R5F100JC (*)	R5F100JD (*)
R5F100JE (*)	R5F100JF (*)
R5F100JG (*)	R5F100JH (*)
R5F100JJ (*)	R5F100JK (*)
R5F100JL (*)	R5F100LA (*)
R5F100LC (*)	R5F100LD (*)
R5F100LE (*)	R5F100LF (*)
R5F100LG (*)	R5F100LH (*)
R5F100LJ (*)	R5F100LK (*)
R5F100LL (*)	R5F100MA (*)
R5F100MC (*)	R5F100MD (*)
R5F100ME (*)	R5F100MF (*)
R5F100MG (*)	R5F100MH (*)
R5F100MJ (*)	R5F100MK (*)
R5F100ML (*)	R5F100PA (*)
R5F100PC (*)	R5F100PD (*)
R5F100PE (*)	R5F100PF (*)
R5F100PG (*)	R5F100PH (*)
R5F100PJ (*)	R5F100PK (*)
R5F100PL (*)	R5F100SA (*)
R5F100SC (*)	R5F100SD (*)
R5F100SE (*)	R5F100SF (*)
R5F100SG (*)	R5F100SH (*)
R5F100SJ (*)	R5F100SK (*)
R5F100SL (*)	R5F1016A (*)
R5F1016C (*)	R5F1016D (*)
R5F1016E (*)	R5F1016F (*)
R5F1016G (*)	R5F1016H (*)
R5F1016J (*)	R5F1016K (*)
R5F1016L (*)	R5F1017A (*)
R5F1017C (*)	R5F1017D (*)
R5F1017E (*)	R5F1017F (*)
R5F1017G (*)	R5F1017H (*)
R5F1017J (*)	R5F1017K (*)
R5F1017L (*)	R5F1018A (*)
R5F1018C (*)	R5F1018D (*)
R5F1018E (*)	R5F1018F (*)
R5F1018G (*)	R5F1018H (*)
R5F1018J (*)	R5F1018K (*)
R5F1018L (*)	R5F101AA (*)
R5F101AC (*)	R5F101AD (*)
R5F101AE (*)	R5F101AF (*)
R5F101AG (*)	R5F101AH (*)
R5F101AJ (*)	R5F101AK (*)
R5F101AL (*)	R5F101BA (*)
R5F101BC (*)	R5F101BD (*)
R5F101BE (*)	R5F101BF (*)
R5F101BG (*)	R5F101BH (*)
R5F101BJ (*)	R5F101BK (*)
R5F101BL (*)	R5F101CA (*)



R5F101CC (*)	R5F101CD (*)
R5F101CE (*)	R5F101CF (*)
R5F101CG (*)	R5F101CH (*)
R5F101CJ (*)	R5F101CK (*)
R5F101CL (*)	R5F101EA (*)
R5F101EC (*)	R5F101ED (*)
R5F101EE (*)	R5F101EF (*)
R5F101EG (*)	R5F101EH (*)
R5F101EJ (*)	R5F101EK (*)
R5F101EL (*)	R5F101FA (*)
R5F101FC (*)	R5F101FD (*)
R5F101FE (*)	R5F101FF (*)
R5F101FG (*)	R5F101FH (*)
R5F101FJ (*)	R5F101FK (*)
R5F101FL (*)	R5F101GA (*)
R5F101GC (*)	R5F101GD (*)
R5F101GE (*)	R5F101GF (*)
R5F101GG (*)	R5F101GH (*)
R5F101GJ (*)	R5F101GK (*)
R5F101GL (*)	R5F101JA (*)
R5F101JC (*)	R5F101JD (*)
R5F101JE (*)	R5F101JF (*)
R5F101JG (*)	R5F101JH (*)
R5F101JJ (*)	R5F101JK (*)
R5F101JL (*)	R5F101LA (*)
R5F101LC (*)	R5F101LD (*)
R5F101LE (*)	R5F101LF (*)
R5F101LG (*)	R5F101LH (*)
R5F101LJ (*)	R5F101LK (*)
R5F101LL (*)	R5F101MA (*)
R5F101MC (*)	R5F101MD (*)
R5F101ME (*)	R5F101MF (*)
R5F101MG (*)	R5F101MH (*)
R5F101MJ (*)	R5F101MK (*)
R5F101ML (*)	R5F101PA (*)
R5F101PC (*)	R5F101PD (*)
R5F101PE (*)	R5F101PF (*)
R5F101PG (*)	R5F101PH (*)
R5F101PJ (*)	R5F101PK (*)
R5F101PL (*)	R5F101SA (*)
R5F101SC (*)	R5F101SD (*)
R5F101SE (*)	R5F101SF (*)
R5F101SG (*)	R5F101SH (*)
R5F101SJ (*)	R5F101SK (*)
R5F101SL (*)	

E-CMOS

E (E) PROM/FRAM/NVRAM

EC24C02	EC24C02A
EC24C04	EC24C04A
EC24C08	EC24C08A

EC24C128	EC24C128A
EC24C16	EC24C16A
EC24C256	EC24C256A
EC24C32	EC24C32A
EC24C64	EC24C64A
EC93C46 (08bit)	EC93C46 (16bit)
EC93C46A (08bit)	EC93C46A (16bit)
EC93C46B (08bit)	EC93C46B (16bit)

EFST

E (E) PROM/FRAM/NVRAM

EM25LV010	EM25LV512
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ELMOS

MICROCONTROLLER

E909.06 (\*)

EMTC

E (E) PROM/FRAM/NVRAM

EM24C02	EM24C04
EM24C08	EM24C16
EM25SL512	

EON

E (E) PROM/FRAM/NVRAM

EN25B05 (Bottom Boot)	EN25B05 (Top Boot)
EN25B10 (Bottom Boot)	EN25B10 (Top Boot)
EN25B16 (Bottom Boot)	EN25B16 (Top Boot)
EN25B20 (Bottom Boot)	EN25B20 (Top Boot)
EN25B32 (Bottom Boot)	EN25B32 (Top Boot)
EN25B40 (Bottom Boot)	EN25B40 (Top Boot)
EN25B64 (Bottom Boot)	EN25B64 (Top Boot)
EN25B80 (Bottom Boot)	EN25B80 (Top Boot)
EN25D16	EN25D80
EN25F05	EN25F10
EN25F16	EN25F32
EN25F40	EN25F64
EN25F80	EN25LF05
EN25LF10	EN25LV010
EN25LV020	EN25LV040
EN25LV080	EN25LV160
EN25LV512	EN25P05

EN25P10	EN25P16
EN25P20	EN25P32
EN25P40	EN25P64
EN25P80	EN25Q16
EN25Q16A	EN25Q32A
EN25Q32B	EN25Q64
EN25Q80A	EN25S16
EN25S32 (Bottom Boot)	EN25S32 (Top Boot)
EN25T16	

EOREX

E (E) PROM/FRAM/NVRAM

EM24LC02	EM93LC46 (08bit)
EM93LC46 (16bit)	EM93LC46J/W (08bit)
EM93LC46J/W (16bit)	EM93LC56 (08bit)
EM93LC56 (16bit)	EM93LC56J/W (08bit)
EM93LC56J/W (16bit)	EM93LC57 (08bit)
EM93LC57 (16bit)	EM93LC57J/W (08bit)
EM93LC57J/W (16bit)	EM93LC66 (08bit)
EM93LC66 (16bit)	EM93LC66J/W (08bit)
EM93LC66J/W (16bit)	EM93LC86 (08bit)
EM93LC86 (16bit)	EM93LC86J/W (08bit)
EM93LC86J/W (16bit)	

E-SHINE

MICROCONTROLLER

MB96F683 (UART 4M) (*)	MB96F683 (UART 5M) (*)
MB96F683 (UART 8M) (*)	

ESMT

E (E) PROM/FRAM/NVRAM

EM25LV010	EM25LV512
F25D04QA	F25D08QA
F25L01PA	F25L01PA (2D)
F25L02PA	F25L02PA (2F)
F25L04PA	F25L05PA (2D)
F25L08QA	

ESTEK

E (E) PROM/FRAM/NVRAM

24C02	24C04
24C08	24C16

24C32

24C64

EVERSPIN

E (E) PROM/FRAM/NVRAM

MR25H10CDC  
MR25H10MDC  
MR25H256CDC  
MR25H256MDC  
MR25H40CDC  
MR25H40CPU  
MR25H40MDCR

MR25H10CDCR  
MR25H10MDCR  
MR25H256CDCR  
MR25H256MDCR  
MR25H40CDCR  
MR25H40MDC  
MR25H40MPU

EXCELSEMI

E (E) PROM/FRAM/NVRAM

ES25M16  
ES25M80  
ES25P40

ES25M40  
ES25P16  
ES25P80

EXEL

E (E) PROM/FRAM/NVRAM

XL24C01A  
XL24C04  
XL24C32  
XL9020  
XL9346  
XL93CS56  
XL93LC46  
XL93LC56  
XL93LC66A  
XLS93C56  
XLS93CS46  
XLS93CS66  
XLS93LC66

XL24C02  
XL24C16  
XL9010  
XL9040  
XL93CS46  
XL93CS66  
XL93LC46A  
XL93LC56A  
XLS93C46  
XLS93C66  
XLS93CS56  
XLS93LC06

FAIRCHILD

E (E) PROM/FRAM/NVRAM

FM24C02  
FM24C04  
FM24C08  
FM24C128  
FM24C17  
FM24C32

FM24C03  
FM24C05  
FM24C09  
FM24C16  
FM24C256  
FM93C06 (08bit)

FM93C06 (16bit)	FM93C14 (16bit)
FM93C46	FM93C46A (08bit)
FM93C46A (16bit)	FM93C56
FM93C56A (08bit)	FM93C56A (16bit)
FM93C66	FM93C66A (08bit)
FM93C66A (16bit)	FM93C76 (16bit)
FM93C76A (08bit)	FM93C76A (16bit)
FM93C86 (16bit)	FM93C86A (08bit)
FM93C86A (16bit)	FM93CS06
FM93CS46	FM93CS56
FM93CS66	FM93S46
FM93S56	FM93S66
NM24C02	NM24C02L
NM24C03	NM24C04
NM24C05	NM24C08
NM24C09	NM24C16
NM24C17	NM24C65
NM93CS06	NM93CS46
NM93CS56	NM93CS66
NMC9346 (16bit)	NMC93C46 (16bit)
NMC93C46A (16bit)	NMC93C56 (16bit)
NMC93C66 (16bit)	NMC93CS06
NMC93CS46	NMC93CS56
NMC93CS66	

FIDELIX

E (E) PROM/FRAM/NVRAM

FM25Q16	FM25Q16A
FM25Q32A	

FIRST-RANK TECHNOLOGY

E (E) PROM/FRAM/NVRAM

T24C02	T24C04
T24C08	T24C128
T24C16	T24C256
T24C32	T24C64
T93C46 (08bit)	T93C46 (16bit)
T93C56 (08bit)	T93C56 (16bit)
T93C66 (08bit)	T93C66 (16bit)

FMD

E (E) PROM/FRAM/NVRAM

FT24C02	FT24C02A
FT24C04	FT24C04A
FT24C08	FT24C08A

FT24C128	FT24C128A
FT24C16	FT24C16A
FT24C256	FT24C256A
FT24C32	FT24C32A
FT24C64	FT24C64A
FT34C02	FT34C02A
FT93C46 (08bit)	FT93C46 (16bit)
FT93C46A (08bit)	FT93C46A (16bit)
FT93C56 (08bit)	FT93C56 (16bit)
FT93C56A (08bit)	FT93C56A (16bit)
FT93C66 (08bit)	FT93C66 (16bit)
FT93C66A (08bit)	FT93C66A (16bit)
FT93C86 (08bit)	FT93C86 (16bit)
FT93C86A (08bit)	FT93C86A (16bit)

FORWARD

E (E) PROM/FRAM/NVRAM

24LC01	24LC02
24LC04	24LC08
24LC16	24LC32
24LC64	

FOXCONN

MICROCONTROLLER

M430F5437AREV (\*)

FREESCALE

MICROCONTROLLER

MC56F8023M	MC56F8023V
MC56F8025M	MC56F8025V
MC56F8027M	MC56F8027V
MC56F8033M	MC56F8033V
MC56F8035M	MC56F8035V
MC56F8036M	MC56F8036V
MC56F8037M	MC56F8037V
MC56F84550 (*)	MC56F84550 (UART) (*)
MC68HC908AP16	MC68HC908AP32
MC68HC908AP64	MC68HC908AP8
MC68HC908JB8 (*)	MC68HC908QB4
MC68HC908QB8	MC68HC908QC16
MC68HC908QC4	MC68HC908QC8
MC68HC908QF4	MC68HC908QT1
MC68HC908QT1A	MC68HC908QT2
MC68HC908QT2A	MC68HC908QT4
MC68HC908QT4A	MC68HC908QY1

MC68HC908QY1A  
MC68HC908QY2A  
MC68HC908QY4A  
MC68HC908QY8A  
MC9RS08KA1  
MC9RS08KA4  
MC9S08AC128  
MC9S08AC32  
MC9S08AC60  
MC9S08AC96  
MC9S08AW16A  
MC9S08AW48  
MC9S08AW8  
MC9S08DN16  
MC9S08DN48  
MC9S08DV16 (\*)  
MC9S08DV48 (\*)  
MC9S08DZ128  
MC9S08DZ32  
MC9S08DZ60  
MC9S08FL16 (\*)  
MC9S08LG16 (\*)  
MC9S08LL16 (\*)  
MC9S08PA16 (\*)  
MC9S08PA32 (\*)  
MC9S08PA60 (\*)  
MC9S08PL16 (\*)  
MC9S08PL32 (\*)  
MC9S08PL60 (\*)  
MC9S08PT16 (\*)  
MC9S08PT60 (\*)  
MC9S08QA2 (\*)  
MC9S08QB4 (\*)  
MC9S08QD2 (\*)  
MC9S08QE16 (\*)  
MC9S08QE4 (\*)  
MC9S08QG4 (\*)  
MC9S08RN32 (\*)  
MC9S08SE8 (\*)  
MC9S08SG32 (\*)  
MC9S08SG8 (\*)  
MC9S08SH32 (\*)  
MC9S08SH8 (\*)  
MC9S08SV8 (\*)  
MC9S12A128B (\*)  
MC9S12A256B (\*)  
MC9S12A64 (\*)  
MC9S12B256 (\*)  
MC9S12D32 (\*)  
MC9S12DB128 (\*)  
MC9S12DG128 (\*)  
MC9S12DG256 (\*)  
MC9S12DG256C (\*)  
MC9S12DJ128B (\*)

MC68HC908QY2  
MC68HC908QY4  
MC68HC908QY8  
MC68HC908SR12 (\*)  
MC9RS08KA2  
MC9RS08KA8  
MC9S08AC16  
MC9S08AC48  
MC9S08AC8  
MC9S08AW16  
MC9S08AW32  
MC9S08AW60  
MC9S08AW8A  
MC9S08DN32  
MC9S08DN60  
MC9S08DV32 (\*)  
MC9S08DV60 (\*)  
MC9S08DZ16  
MC9S08DZ48  
MC9S08DZ96  
MC9S08FL8 (\*)  
MC9S08LG32 (\*)  
MC9S08LL8 (\*)  
MC9S08PA2 (\*)  
MC9S08PA4 (\*)  
MC9S08PA8 (\*)  
MC9S08PL2 (\*)  
MC9S08PL4 (\*)  
MC9S08PL8 (\*)  
MC9S08PT32 (\*)  
MC9S08PT8 (\*)  
MC9S08QA4 (\*)  
MC9S08QB8 (\*)  
MC9S08QD4 (\*)  
MC9S08QE32 (\*)  
MC9S08QE8 (\*)  
MC9S08QG8 (\*)  
MC9S08SE4 (\*)  
MC9S08SG16 (\*)  
MC9S08SG4 (\*)  
MC9S08SH16 (\*)  
MC9S08SH4 (\*)  
MC9S08SV16 (\*)  
MC9S12A128 (\*)  
MC9S12A256 (\*)  
MC9S12A512 (\*)  
MC9S12B128 (\*)  
MC9S12B64 (\*)  
MC9S12D64 (\*)  
MC9S12DB128B (\*)  
MC9S12DG128B (\*)  
MC9S12DG256B (\*)  
MC9S12DJ128 (\*)  
MC9S12DJ256 (\*)

MC9S12DJ256B (*)	MC9S12DJ256C (*)
MC9S12DJ512 (*)	MC9S12DJ64 (*)
MC9S12DP256B (*)	MC9S12DP256C (*)
MC9S12DP512 (*)	MC9S12DT128 (*)
MC9S12DT128B (*)	MC9S12DT256 (*)
MC9S12DT256B (*)	MC9S12DT256C (*)
MC9S12DT512 (*)	MC9S12G128
MC9S12G192	MC9S12G240
MC9S12G48	MC9S12G64
MC9S12G96	MC9S12GA128
MC9S12GA192	MC9S12GA240
MC9S12GA48	MC9S12GA64
MC9S12GA96	MC9S12GN16
MC9S12GN32	MC9S12GN48
MC9S12GNA16	MC9S12GNA32
MC9S12HA32	MC9S12HA48
MC9S12HA64	MC9S12HY32
MC9S12HY48	MC9S12HY64
MC9S12XEA128	MC9S12XEA256
MC9S12XEG128	MC9S12XEG256
MC9S12XEG384	MC9S12XEP100
MC9S12XEP768	MC9S12XEQ384
MC9S12XEQ512	MC9S12XET128
MC9S12XET256	MC9S12XF128
MC9S12XF256	MC9S12XF384
MC9S12XF512	MC9S12XHY128
MC9S12XHY256	MC9S12XS128
MC9S12XS256	MC9S12XS64
MCF51AC128A	MCF51AC128C
MCF51AC256A	MCF51AC256B
MK61FN1M0VMJ12 (*)	MM912F634BC1AE
MM912F634BC2AE	MM912F634BC3AE
MM912F634BV1AE	MM912F634BV2AE
MM912F634BV3AE	S9KEAZN128 (*)
S9KEAZN16 (*)	S9KEAZN32 (*)
S9KEAZN64 (*)	SPC5604B (*)
SPC5642A (*)	

FRONTTECH

MICROCONTROLLER

LPC2292 (UART) (*)	LPC2366 (UART) (*)
MB90F548 (UART) (*)	

FT

E (E) PROM/FRAM/NVRAM

FT24C01	FT24C01A
FT24C02	FT24C02A
FT24C04	FT24C04A



FT24C08  
FT24C128  
FT24C16  
FT24C256  
FT24C32  
FT24C64

FT24C08A  
FT24C128A  
FT24C16A  
FT24C256A  
FT24C32A  
FT24C64A

FUDAN

E (E) PROM/FRAM/NVRAM

FM24C02A  
FM24C02C  
FM24C04B  
FM24C08B  
FM24C128A  
FM24C16B  
FM24C32A  
FM24C64A  
FM25F01  
FM25F04  
FM93C46 (16bit)  
FM93C56 (16bit)  
FM93C66 (16bit)

FM24C02B  
FM24C04A  
FM24C08A  
FM24C1024A  
FM24C16A  
FM24C256A  
FM24C512A  
FM25F005  
FM25F02  
FM93C46 (08bit)  
FM93C56 (08bit)  
FM93C66 (08bit)

FUJITSU

MICROCONTROLLER

MB91F467B (UART) (\*)  
MB91F467D (UART) (\*)  
MB91F467T (UART) (\*)  
MB95F202  
MB95F204  
MB95F213  
MB95F222  
MB95F224  
MB95F263  
MB95F272  
MB95F274  
MB95F283  
MB95F332H  
MB95F333H  
MB95F334H  
MB95F374E  
MB95F376E  
MB95F378E  
MB95F394E  
MB95F394K  
MB95F396E  
MB95F396K  
MB95F398E

MB91F467C (UART) (\*)  
MB91F467S (UART) (\*)  
MB91F469G (UART) (\*)  
MB95F203  
MB95F212  
MB95F214  
MB95F223  
MB95F262  
MB95F264  
MB95F273  
MB95F282  
MB95F284  
MB95F332K  
MB95F333K  
MB95F334K  
MB95F374L  
MB95F376L  
MB95F378L  
MB95F394H  
MB95F394L  
MB95F396H  
MB95F396L  
MB95F398H

MB95F398K  
MB95F632H (\*)  
MB95F633H (\*)  
MB95F634H (\*)  
MB95F636H (\*)  
MB96F389 (UART) (\*)  
MB96F612 (UART 5M) (\*)  
MB9AF111L (SWD)  
MB9AF112L (SWD)  
MB9AF115L (SWD)

MB95F398L  
MB95F632K (\*)  
MB95F633K (\*)  
MB95F634K (\*)  
MB95F636K (\*)  
MB96F612 (UART 4M) (\*)  
MB96F612 (UART 8M) (\*)  
MB9AF112  
MB9AF114L (SWD)  
MB9AF116L (SWD)

FUXIN

MICROCONTROLLER

R5F10BGGL (\*)

GATELEVEL

E (E) PROM/FRAM/NVRAM

GM24LC02B  
GM24LC08B

GM24LC04B  
GM24LC16B

GENERALPLUS

E (E) PROM/FRAM/NVRAM

GPR25L005E  
GPR25L021B  
GPR25L081B

GPR25L011E  
GPR25L041B

GIANTEC

E (E) PROM/FRAM/NVRAM

GT24C01  
GT24C04  
GT24C128  
GT24C256  
GT24C64  
GT25C02  
GT25C128  
GT25C256  
GT25C64  
GT93C46 (08bit)  
GT93C56 (08bit)  
GT93C66 (08bit)  
GT93C76 (08bit)  
GT93C86 (08bit)

GT24C02  
GT24C08  
GT24C16  
GT24C32  
GT25C01  
GT25C08  
GT25C16  
GT25C32  
GT34C02  
GT93C46 (16bit)  
GT93C56 (16bit)  
GT93C66 (16bit)  
GT93C76 (16bit)  
GT93C86 (16bit)

GIGADEVICE

E (E) PROM/FRAM/NVRAM

GD25D40	GD25D80
GD25F40	GD25F80
GD25Q10	GD25Q16
GD25Q20	GD25Q32
GD25Q40	GD25Q512
GD25Q64	GD25Q80
GD25T80	

GMT

MICROCONTROLLER

G1621 (*)	KC535 (*)
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GREEN ENGINE

E (E) PROM/FRAM/NVRAM

GE24C01	GE24C02
GE24C04	

GTM

E (E) PROM/FRAM/NVRAM

GP24BC01	GP24BC02
GP24BC04	GP24BC08
GP24BC16	GSC93BC46 (08bit)
GSC93BC46 (16bit)	GSC93BC46B (08bit)
GSC93BC46B (16bit)	GSC93BC56 (08bit)
GSC93BC56 (16bit)	GSC93BC56B (08bit)
GSC93BC56B (16bit)	GSC93BC66 (08bit)
GSC93BC66 (16bit)	GSC93BC66B (08bit)
GSC93BC66B (16bit)	

HINET

MICROCONTROLLER

SP40 (\*)

HISENSEHITACHI

MICROCONTROLLER

R5F104PJA (\*)

HITACHI

E (E) PROM/FRAM/NVRAM

HN58V24256	HN58V24512
HN58W241000	HN58X2402
HN58X2404	HN58X2408
HN58X24128	HN58X2416
HN58X24256	HN58X2432
HN58X24512	HN58X2464
HN58X2502	HN58X2504
HN58X25128	HN58X25256
HN58X2532	HN58X2564
R1EX24512A	

HK

E (E) PROM/FRAM/NVRAM

HK25Q16

HODGEN

MICROCONTROLLER

CST32501 (SWD) (*)	R5F104BE (*)
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HOLTEK

E (E) PROM/FRAM/NVRAM

HT24C01	HT24C02
HT24C04	HT24C08
HT24C16	HT24LC01
HT24LC02	HT24LC04
HT24LC08	HT24LC16
HT24LC32	HT24LC64
HT25LC512	HT93C46 (16bit)
HT93C56 (16bit)	HT93C66 (16bit)
HT93LC46A (08bit)	HT93LC46A (16bit)
HT93LC46B (08bit)	HT93LC46B (16bit)
HT93LC56A (08bit)	HT93LC56A (16bit)
HT93LC56B (08bit)	HT93LC56B (16bit)
HT93LC66A (08bit)	HT93LC66A (16bit)
HT93LC66B (08bit)	HT93LC66B (16bit)
HT93LC76 (08bit)	HT93LC76 (16bit)

HT93LC86 (08bit)

HT93LC86 (16bit)

HOPEFIND

E (E) PROM/FRAM/NVRAM

HM24LC01  
HM24LC04  
HM24LC16  
HM24LC64

HM24LC02  
HM24LC08  
HM24LC32

HUA HONG NEC

E (E) PROM/FRAM/NVRAM

K24C16

K24C32

HUA JIE TECHNOLOGY

E (E) PROM/FRAM/NVRAM

K24C02  
K24C04  
K24C08C  
K24C16  
K24C32  
K34C02  
K93C46 (16bit)  
K93C56 (16bit)  
K93C66 (16bit)

K24C02C  
K24C08  
K24C128  
K24C256  
K24C64  
K93C46 (08bit)  
K93C56 (08bit)  
K93C66 (08bit)

HYC

MICROCONTROLLER

XC2224L (\*)

HYNIX

E (E) PROM/FRAM/NVRAM

HY93C46  
HY93C66  
HY93C86

HY93C56  
HY93C76

HYUNDAI

E (E) PROM/FRAM/NVRAM

HY93C46  
HY93C66  
HY93C86

HY93C56  
HY93C76

IC MICROSYSTEMS

E (E) PROM/FRAM/NVRAM

X24C00  
X24C01A  
X24C04  
X24C16

X24C01  
X24C02  
X24C08

ICT

E (E) PROM/FRAM/NVRAM

93C46  
93C46-S8  
93C66A  
93CX56

93C46A  
93C56A  
93CX46  
93CX66

IK SEMICONDUCTOR

E (E) PROM/FRAM/NVRAM

IN24AA02A  
IN24LC02B  
IN24LC08B

IN24AA02B  
IN24LC04B  
IN24LC16B

INDIE

MICROCONTROLLER

IND80212 (\*)

INFINEON

MICROCONTROLLER

SAF-XC2210U-8FXR (\*)  
SAF-XC2220L-20FXV (\*)  
SAF-XC2224L-12FXV (\*)  
SAF-XC2230L-12F66L (\*)  
SAF-XC2234L-12F66L (\*)  
SAF-XC2764X-40F80L  
SAF-XC822M-1FRI  
SAF-XC822T-0FRI

SAF-XC2220L-12FXV (\*)  
SAF-XC2220U-8FXV (\*)  
SAF-XC2224L-20FXV (\*)  
SAF-XC2230L-20F66L (\*)  
SAF-XC2234L-20F66L (\*)  
SAF-XC822-1FRI  
SAF-XC822MT-1FRI  
SAF-XC822T-1FRI

SAF-XC824M-1FGI	SAF-XC824MT-1FGI
SAF-XC835MT-2FRI	SAF-XC836-2FRI
SAF-XC836M-1FRI	SAF-XC836M-2FRI
SAF-XC836MT-2FRI	SAF-XC836T-2FRI
SAF-XC886-6FFA3	SAF-XC886-6FFA5
SAF-XC886-6FFI3	SAF-XC886-6FFI5
SAF-XC886-8FFA3	SAF-XC886-8FFA5
SAF-XC886-8FFI3	SAF-XC886-8FFI5
SAF-XC886C-6FFA3	SAF-XC886C-6FFA5
SAF-XC886C-6FFI3	SAF-XC886C-6FFI5
SAF-XC886C-8FFA3	SAF-XC886C-8FFA5
SAF-XC886C-8FFI3	SAF-XC886C-8FFI5
SAF-XC886CLM-6FFA3	SAF-XC886CLM-6FFA5
SAF-XC886CLM-6FFI3	SAF-XC886CLM-6FFI5
SAF-XC886CLM-8FFA3	SAF-XC886CLM-8FFA5
SAF-XC886CLM-8FFI3	SAF-XC886CLM-8FFI5
SAF-XC886CM-6FFA3	SAF-XC886CM-6FFA5
SAF-XC886CM-6FFI3	SAF-XC886CM-6FFI5
SAF-XC886CM-8FFA3	SAF-XC886CM-8FFA5
SAF-XC886CM-8FFI3	SAF-XC886CM-8FFI5
SAF-XC886LM-6FFA3	SAF-XC886LM-6FFA5
SAF-XC886LM-6FFI3	SAF-XC886LM-6FFI5
SAF-XC886LM-8FFA3	SAF-XC886LM-8FFA5
SAF-XC886LM-8FFI3	SAF-XC886LM-8FFI5
SAF-XC888-6FFA3	SAF-XC888-6FFA5
SAF-XC888-6FFI3	SAF-XC888-6FFI5
SAF-XC888-8FFA3	SAF-XC888-8FFA5
SAF-XC888-8FFI3	SAF-XC888-8FFI5
SAF-XC888C-6FFA3	SAF-XC888C-6FFA5
SAF-XC888C-6FFI3	SAF-XC888C-6FFI5
SAF-XC888C-8FFA3	SAF-XC888C-8FFA5
SAF-XC888C-8FFI3	SAF-XC888C-8FFI5
SAF-XC888CLM-6FFA3	SAF-XC888CLM-6FFA5
SAF-XC888CLM-6FFI3	SAF-XC888CLM-6FFI5
SAF-XC888CLM-8FFA3	SAF-XC888CLM-8FFA5
SAF-XC888CLM-8FFI3	SAF-XC888CLM-8FFI5
SAF-XC888CM-6FFA3	SAF-XC888CM-6FFA5
SAF-XC888CM-6FFI3	SAF-XC888CM-6FFI5
SAF-XC888CM-8FFA3	SAF-XC888CM-8FFA5
SAF-XC888CM-8FFI3	SAF-XC888CM-8FFI5
SAF-XC888LM-6FFA3	SAF-XC888LM-6FFA5
SAF-XC888LM-6FFI3	SAF-XC888LM-6FFI5
SAF-XC888LM-8FFA3	SAF-XC888LM-8FFA5
SAF-XC888LM-8FFI3	SAF-XC888LM-8FFI5
SAF-XE160FU-8FXR (*)	SAF-XE161FL-12FXV (*)
SAF-XE161FL-20FXV (*)	SAF-XE161FU-8FXR (*)
SAF-XE161HL-12FXV (*)	SAF-XE161HL-20FXV (*)
SAF-XE162FL-12F66L (*)	SAF-XE162FL-12F80L (JTAG) (*)
SAF-XE162FL-20F66L (*)	SAF-XE162FL-20F80L (JTAG) (*)
SAF-XE162HL-12F66L (*)	SAF-XE162HL-20F66L (*)
SAK-C164CI8EM	SAK-XC164CM-8F40F
SAK-XC164CS-16F40F (JTAG) (*)	SAK-XC164CS-32F40F (JTAG) (*)
SAK-XC2210U-8FXR (*)	SAK-XC2220L-12FXV (*)
SAK-XC2220L-20FXV (*)	SAK-XC2220U-8F40V (JTAG) (*)

SAK-XC2220U-8FXV (\*)  
SAK-XC2224L-20F66V (JTAG) (\*)  
SAK-XC2230L-12F66L (\*)  
SAK-XC2234L-12F66L (\*)  
SAK-XC2234L-20F66L (JTAG) (\*)  
SAK-XC2268N-40F80L (JTAG) (\*)  
SAK-XC2764X-40F80L (\*)  
SAK-XC886-6FFA3  
SAK-XC886-6FFI3  
SAK-XC886-8FFA3  
SAK-XC886-8FFI3  
SAK-XC886C-6FFA3  
SAK-XC886C-6FFI3  
SAK-XC886C-8FFA3  
SAK-XC886C-8FFI3  
SAK-XC886CLM-6FFA3  
SAK-XC886CLM-6FFI3  
SAK-XC886CLM-8FFA3  
SAK-XC886CLM-8FFI3  
SAK-XC886CM-6FFA3  
SAK-XC886CM-6FFI3  
SAK-XC886CM-8FFA3  
SAK-XC886CM-8FFI3  
SAK-XC886LM-6FFA3  
SAK-XC886LM-6FFI3  
SAK-XC886LM-8FFA3  
SAK-XC886LM-8FFI3  
SAK-XC888-6FFA3  
SAK-XC888-6FFI3  
SAK-XC888-8FFA3  
SAK-XC888-8FFI3  
SAK-XC888C-6FFA3  
SAK-XC888C-6FFI3  
SAK-XC888C-8FFA3  
SAK-XC888C-8FFI3  
SAK-XC888CLM-6FFA3  
SAK-XC888CLM-6FFI3  
SAK-XC888CLM-8FFA3  
SAK-XC888CLM-8FFI3  
SAK-XC888CM-6FFA3  
SAK-XC888CM-6FFI3  
SAK-XC888CM-8FFA3  
SAK-XC888CM-8FFI3  
SAK-XC888LM-6FFA3  
SAK-XC888LM-6FFI3  
SAK-XC888LM-8FFA3  
SAK-XC888LM-8FFI3  
SAK-XE160FU-8FXR (\*)  
SAK-XE161FL-20FXV (\*)  
SAK-XE161HL-12FXV (\*)  
SAK-XE162FL-12F66L (\*)  
SAK-XE162HL-12F66L (\*)  
SAX-XC824M-1FGI  
TLE9842-2QX (\*)

SAK-XC2224L-12FXV (\*)  
SAK-XC2224L-20FXV (\*)  
SAK-XC2230L-20F66L (\*)  
SAK-XC2234L-20F66L (\*)  
SAK-XC2265N-40F80L (JTAG) (\*)  
SAK-XC2364B-40F80L (JTAG) (\*)  
SAK-XC824M-1FGI  
SAK-XC886-6FFA5  
SAK-XC886-6FFI5  
SAK-XC886-8FFA5  
SAK-XC886-8FFI5  
SAK-XC886C-6FFA5  
SAK-XC886C-6FFI5  
SAK-XC886C-8FFA5  
SAK-XC886C-8FFI5  
SAK-XC886CLM-6FFA5  
SAK-XC886CLM-6FFI5  
SAK-XC886CLM-8FFA5  
SAK-XC886CLM-8FFI5  
SAK-XC886CM-6FFA5  
SAK-XC886CM-6FFI5  
SAK-XC886CM-8FFA5  
SAK-XC886CM-8FFI5  
SAK-XC886LM-6FFA5  
SAK-XC886LM-6FFI5  
SAK-XC886LM-8FFA5  
SAK-XC886LM-8FFI5  
SAK-XC888-6FFA5  
SAK-XC888-6FFI5  
SAK-XC888-8FFA5  
SAK-XC888-8FFI5  
SAK-XC888C-6FFA5  
SAK-XC888C-6FFI5  
SAK-XC888C-8FFA5  
SAK-XC888C-8FFI5  
SAK-XC888CLM-6FFA5  
SAK-XC888CLM-6FFI5  
SAK-XC888CLM-8FFA5  
SAK-XC888CLM-8FFI5  
SAK-XC888CM-6FFA5  
SAK-XC888CM-6FFI5  
SAK-XC888CM-8FFA5  
SAK-XC888CM-8FFI5  
SAK-XC888LM-6FFA5  
SAK-XC888LM-6FFI5  
SAK-XC888LM-8FFA5  
SAK-XC888LM-8FFI5  
SAK-XE161FL-12FXV (\*)  
SAK-XE161FU-8FXR (\*)  
SAK-XE161HL-20FXV (\*)  
SAK-XE162FL-20F66L (\*)  
SAK-XE162HL-20F66L (\*)  
SP40 (\*)  
TLE9842-QX (\*)



XC164CS-16F40F  
XMC1100-Q024F0008 (\*)  
XMC1100-T016F0008 (\*)  
XMC1100-T016F0064 (\*)  
XMC1100-T038F0032 (\*)  
XMC1201-T038F0016 (\*)  
XMC1201-T038F0064 (\*)  
XMC1202-T016X0016 (\*)  
XMC1202-T028X0016 (\*)  
XMC1202-T028X0064 (\*)  
XMC1301-T016F0016 (\*)  
XMC1301-T038F0016 (\*)  
XMC1301-T038F0064 (\*)  
XMC1302-T038X0016 (\*)  
XMC1302-T038X0064 (\*)  
XMC1302-T038X0200 (\*)  
XMC4300-F100x256 (\*)

XC164CS-32F40F  
XMC1100-Q024F0064 (\*)  
XMC1100-T016F0016 (\*)  
XMC1100-T038F0016 (\*)  
XMC1100-T038F0064 (\*)  
XMC1201-T038F0032 (\*)  
XMC1201-T038F0200 (\*)  
XMC1202-T016X0032 (\*)  
XMC1202-T028X0032 (\*)  
XMC1301-T016F0008 (\*)  
XMC1301-T038F0008 (\*)  
XMC1301-T038F0032 (\*)  
XMC1302-Q040X0032 (\*)  
XMC1302-T038X0032 (\*)  
XMC1302-T038X0128 (\*)  
XMC13S2-Q024X0032 (\*)  
XMC4800-F100x1024 (\*)

#### INTEGRAL

##### E (E) PROM/FRAM/NVRAM

IN24AA02A  
IN24LC02B  
IN24LC08B  
IN93AA46A  
IN93AA46C (08bit)  
IN93AA56A  
IN93AA56C (08bit)  
IN93AA66A  
IN93AA66C (08bit)  
IN93AA86A  
IN93AA86C (08bit)  
IN93LC46A  
IN93LC46C (08bit)

IN24AA02B  
IN24LC04B  
IN24LC16B  
IN93AA46B  
IN93AA46C (16bit)  
IN93AA56B  
IN93AA56C (16bit)  
IN93AA66B  
IN93AA66C (16bit)  
IN93AA86B  
IN93AA86C (16bit)  
IN93LC46B  
IN93LC46C (16bit)

#### INTEL

##### E (E) PROM/FRAM/NVRAM

QB25F016B  
QB25F160B  
QB25F320B  
QB25F640B  
QH25F016B  
QH25F160B  
QH25F320B  
QH25F640B

QB25F016T  
QB25F160T  
QB25F320T  
QB25F640T  
QH25F016T  
QH25F160T  
QH25F320T  
QH25F640T

#### INVENSYS

MICROCONTROLLER

MC9S08AC128

IR

MICROCONTROLLER

IRMCF171 (\*)  
IRMCF183 (WEG) (\*)

IRMCF183 (\*)  
IRMCF188 (\*)

ISSI

E (E) PROM/FRAM/NVRAM

IS24C01	IS24C01B
IS24C01C	IS24C02
IS24C02A	IS24C02B
IS24C02C	IS24C02E
IS24C04	IS24C04A
IS24C04B	IS24C08
IS24C08A	IS24C08B
IS24C128	IS24C128B
IS24C16	IS24C16A
IS24C16B	IS24C256
IS24C256A	IS24C256C
IS24C32	IS24C32A
IS24C32B	IS24C32C
IS24C64	IS24C64A
IS24C64B	IS24C64C
IS24L128	IS24L256
IS25C01	IS25C02
IS25C08	IS25C08B
IS25C128	IS25C128A
IS25C16	IS25C16B
IS25C256	IS25C256A
IS25C32A	IS25C32B
IS25C64A	IS25C64B
IS25LD010	IS25LD020
IS25LD040	IS25LD256C
IS25LD512	IS25LP256D (*)
IS25WD020 (*)	IS25WD040
IS34C02	IS34C02B
IS61WV25616BLL (CTL BY STM32F205ZG)	IS93C46
IS93C46A (08bit)	IS93C46A (16bit)
IS93C46B	IS93C46D (08bit)
IS93C46D (16bit)	IS93C56
IS93C56A (08bit)	IS93C56A (16bit)
IS93C66	IS93C66A (08bit)
IS93C66A (16bit)	IS93C76A (08bit)
IS93C76A (16bit)	IS93C86A (08bit)
IS93C86A (16bit)	

JABIL

MICROCONTROLLER

MB96F395 (UART 4M) (\*)

JIAXIPERA

MICROCONTROLLER

CST32501 (SWD) (\*)

CST32502 (SWD) (\*)

JINGHUI ELECTRONICS

MICROCONTROLLER

CY8C24533

CY8C24533A

JINXIN

MICROCONTROLLER

CY95F108AHSPMC (UART) (\*)

KAIT

MICROCONTROLLER

MB95K332H (\*)

MB95K332K (\*)

MB95K333H (\*)

MB95K333K (\*)

MB95K334H (\*)

MB95K334K (\*)

MB96F613 (UART 4M) (\*)

MB96F613 (UART 5M) (\*)

MB96F613 (UART 8M) (\*)

MB96F673 (UART 4M) (\*)

MB96F673 (UART 5M) (\*)

MB96F673 (UART 8M) (\*)

KEBODA

MICROCONTROLLER

STM8AF6213 (\*)

KEWLCHINA

MICROCONTROLLER

Z8FS040BHH20EG (\*)

KIMBALL

MICROCONTROLLER

UPD78F0500 (UART)	UPD78F0501 (UART)
UPD78F0502 (UART)	UPD78F0503 (UART)
UPD78F0504 (UART)	UPD78F0505 (UART)
UPD78F0510 (UART)	UPD78F0511 (UART)
UPD78F0512 (UART)	UPD78F0513 (UART)
UPD78F0514 (UART)	UPD78F0515 (UART)
UPD78F0520 (UART)	UPD78F0521 (UART)
UPD78F0522 (UART)	UPD78F0523 (UART)
UPD78F0524 (UART)	UPD78F0525 (UART)
UPD78F0530 (UART)	UPD78F0531 (UART)
UPD78F0532 (UART)	UPD78F0533 (UART)
UPD78F0534 (UART)	UPD78F0535 (UART)
UPD78F0540 (UART)	UPD78F0541 (UART)
UPD78F0542 (UART)	UPD78F0543 (UART)
UPD78F0544 (UART)	UPD78F0545 (UART)
UPD78F0550 (UART)	UPD78F0551 (UART)
UPD78F0552 (UART)	UPD78F0553 (UART)
UPD78F0554 (UART)	UPD78F0555 (UART)
UPD78F0560 (UART)	UPD78F0561 (UART)
UPD78F0562 (UART)	UPD78F0563 (UART)
UPD78F0564 (UART)	UPD78F0565 (UART)
UPD78F0570 (UART)	UPD78F0571 (UART)
UPD78F0572 (UART)	UPD78F0573 (UART)
UPD78F0574 (UART)	UPD78F0575 (UART)
UPD78F0580 (UART)	UPD78F0581 (UART)
UPD78F0582 (UART)	UPD78F0583 (UART)
UPD78F0584 (UART)	UPD78F0585 (UART)
UPD78F0590 (UART)	UPD78F0591 (UART)
UPD78F0592 (UART)	UPD78F0593 (UART)
UPD78F0594 (UART)	UPD78F0595 (UART)

K-LINE

E (E) PROM/FRAM/NVRAM

K24C32	K24C64
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KODENSHI

E (E) PROM/FRAM/NVRAM

KK24LC02B	KK24LC04B
KK24LC08B	KK24LC16B

KYOKUTO

MICROCONTROLLER

CY8C4025AZI-S413 (\*)

LATTICE

PLD

ispGAL22V10AB@PLCC28	ispGAL22V10AB@QFN32
ispGAL22V10AC@PLCC28	ispGAL22V10AC@QFN32
ispGAL22V10AV@PLCC28	ispGAL22V10AV@QFN32
ispGAL22V10AZC@PLCC28	ispGAL22V10AZC@QFN32
ispLSI1016E-PLCC44	ispLSI1016E-TQFP44
ispLSI1016-PLCC44	ispLSI1016-TQFP44
ispLSI1024E-PLCC68	ispLSI1024-PLCC68
ispLSI1032-CPGA84	ispLSI1032E-CPGA84
ispLSI1032E-PLCC84	ispLSI1032E-TQFP100
ispLSI1032-PLCC84	ispLSI1032-TQFP100
ispLSI2032-PLCC44	ispLSI2032-TQFP44
ispLSI2064-PLCC84	ispLSI2064-TQFP100
ispPAC-CLK5304S (*)	ispPAC-CLK5308S (*)
ispPAC-CLK5312S (*)	ispPAC-CLK5316S (*)
ispPAC-CLK5320S (*)	ispPAC-CLK5406D (*)
ispPAC-CLK5410D (*)	ispPAC-CLK5510V (*)
ispPAC-CLK5520V (*)	ispPAC-CLK5610AV (*)
ispPAC-CLK5610V (*)	ispPAC-CLK5620AV (*)
ispPAC-CLK5620V (*)	LA4032V@TQFP44
LA4032V@TQFP48	LA4032ZC@TQFP48
LA4064V@TQFP100	LA4064V@TQFP44
LA4064V@TQFP48	LA4064ZC@TQFP100
LA4064ZC@TQFP48	LA4128V@TQFP100
LA4128V@TQFP128	LA4128V@TQFP144
LA4128ZC@TQFP100	LC4032B@TQFP44
LC4032B@TQFP48	LC4032C@TQFP44
LC4032C@TQFP48	LC4032V@TQFP44
LC4032V@TQFP48	LC4032ZC@csBGA56
LC4032ZC@TQFP48	LC4032ZE@csBGA64
LC4032ZE@TQFP48	LC4064B@TQFP100
LC4064B@TQFP44	LC4064B@TQFP48
LC4064C@TQFP100	LC4064C@TQFP44
LC4064C@TQFP48	LC4064V@TQFP100
LC4064V@TQFP44	LC4064V@TQFP48
LC4064ZC@csBGA132	LC4064ZC@csBGA56
LC4064ZC@TQFP100	LC4064ZC@TQFP48
LC4064ZE@csBGA144	LC4064ZE@csBGA64
LC4064ZE@TQFP100	LC4064ZE@TQFP48
LC4064ZE@ucBGA64	LC4128B@TQFP100
LC4128B@TQFP128	LC4128C@TQFP100
LC4128C@TQFP128	LC4128V@TQFP100
LC4128V@TQFP128	LC4128V@TQFP144
LC4128ZC@csBGA132	LC4128ZC@TQFP100
LC4128ZC@TQFP128	LC4128ZE@csBGA144

LC4128ZE@TQFP100  
LC4128ZE@ucBGA132  
LC4256B@ftBGA256A  
LC4256B@TQFP176  
LC4256C@fpBGA256B  
LC4256C@TQFP176  
LC4256V@fpBGA256B  
LC4256V@TQFP176  
LC4256ZC@TQFP100  
LC4256ZE@csBGA144  
LC4256ZE@TQFP144  
LC4384B@ftBGA256  
LC4384C@fpBGA256  
LC4384C@TQFP176  
LC4384V@ftBGA256  
LC4512B@fpBGA256  
LC4512B@TQFP176  
LC4512C@ftBGA256  
LC4512V@fpBGA256  
LC4512V@TQFP176  
LC51024MB@fpBGA672  
LC51024MC@fpBGA672  
LC51024MV@fpBGA672  
LC5256B@fpBGA256  
LC5256B@TQFP128  
LC5256MC@fpBGA256  
LC5384B@fpBGA256  
LC5512B@fpBGA256  
LC5512B@PQFP208  
LC5512MB@fpBGA484  
LC5512MC@fpBGA256  
LC5512MC@PQFP208  
LC5512MV@fpBGA484  
LC5768MB@fpBGA256  
LC5768MC@fpBGA256  
LC5768MV@fpBGA256  
LCMXO1200C@csBGA132  
LCMXO1200C@TQFP100  
LCMXO1200E@csBGA132  
LCMXO1200E@TQFP100  
LCMXO2-1200HC-MG132 (\*)  
LCMXO2-1200HC-TG144 (\*)  
LCMXO2-1200HE-TG100  
LCMXO2-1200UHC-FTG256  
LCMXO2-1200ZE-TG100  
LCMXO2-2000HC-BG256  
LCMXO2-2000HC-FTG256  
LCMXO2-2000HC-TG100  
LCMXO2-2000HE-BG256  
LCMXO2-2000HE-MG132  
LCMXO2-2000HE-TG144  
LCMXO2-2000ZE-FTG256  
LCMXO2-2000ZE-TG100  
LCMXO2-256HC-MG132

LC4128ZE@TQFP144  
LC4256B@fpBGA256B  
LC4256B@TQFP100  
LC4256C@csBGA256A  
LC4256C@TQFP100  
LC4256V@csBGA256A  
LC4256V@TQFP100  
LC4256ZC@csBGA132  
LC4256ZC@TQFP176  
LC4256ZE@TQFP100  
LC4384B@fpBGA256  
LC4384B@TQFP176  
LC4384C@ftBGA256  
LC4384V@fpBGA256  
LC4384V@TQFP176  
LC4512B@ftBGA256  
LC4512C@fpBGA256  
LC4512C@TQFP176  
LC4512V@ftBGA256  
LC51024MB@fpBGA484  
LC51024MC@fpBGA484  
LC51024MV@fpBGA484  
LC5128B@TQFP128  
LC5256B@PQFP208  
LC5256MB@fpBGA256  
LC5256MV@fpBGA256  
LC5384B@PQFP208  
LC5512B@fpBGA484  
LC5512MB@fpBGA256  
LC5512MB@PQFP208  
LC5512MC@fpBGA484  
LC5512MV@fpBGA256  
LC5512MV@PQFP208  
LC5768MB@fpBGA484  
LC5768MC@fpBGA484  
LC5768MV@fpBGA484  
LCMXO1200C@ftBGA256  
LCMXO1200C@TQFP144  
LCMXO1200E@ftBGA256  
LCMXO1200E@TQFP144  
LCMXO2-1200HC-TG100 (\*)  
LCMXO2-1200HE-MG132  
LCMXO2-1200HE-TG144  
LCMXO2-1200ZE-MG132  
LCMXO2-1200ZE-TG144  
LCMXO2-2000HC-FG484  
LCMXO2-2000HC-MG132  
LCMXO2-2000HC-TG144  
LCMXO2-2000HE-FTG256  
LCMXO2-2000HE-TG100  
LCMXO2-2000ZE-BG256  
LCMXO2-2000ZE-MG132  
LCMXO2-2000ZE-TG144  
LCMXO2-256HC-TG100

LCMXO2-256HC-UMG64  
LCMXO2-256HE-TG100  
LCMXO2-256ZE-MG132  
LCMXO2-256ZE-UMG64  
LCMXO2280C@ftBGA256  
LCMXO2280C@TQFP100  
LCMXO2280E@csBGA132  
LCMXO2280E@ftBGA324  
LCMXO2280E@TQFP144  
LCMXO2-4000HC-BG332  
LCMXO2-4000HC-FTG256  
LCMXO2-4000HC-TG144  
LCMXO2-4000HE-BG332  
LCMXO2-4000HE-FTG256  
LCMXO2-4000HE-TG144  
LCMXO2-4000ZE-BG332  
LCMXO2-4000ZE-FTG256  
LCMXO2-4000ZE-TG144  
LCMXO256C@TQFP144  
LCMXO256E@TQFP144  
LCMXO2-640HC-TG100  
LCMXO2-640HE-TG100  
LCMXO2-640ZE-MG132  
LCMXO2-7000HC-BG256  
LCMXO2-7000HC-FG484  
LCMXO2-7000HC-TG144  
LCMXO2-7000HE-BG332  
LCMXO2-7000HE-FTG256  
LCMXO2-7000ZE-BG256  
LCMXO2-7000ZE-FG484  
LCMXO2-7000ZE-TG144  
LCMXO3L-1300E-MG121 (\*)  
LCMXO3L-1300E-UWG36 (\*)  
LCMXO3L-2100C-BG324 (\*)  
LCMXO3L-2100E-MG256 (\*)  
LCMXO3L-2100E-UWG49 (\*)  
LCMXO3L-4300C-BG324 (\*)  
LCMXO3L-4300E-MG121 (\*)  
LCMXO3L-4300E-MG324 (\*)  
LCMXO3L-640E-MG121 (\*)  
LCMXO3L-6900C-BG324 (\*)  
LCMXO3L-6900E-MG256 (\*)  
LCMXO3L-9400C-BG256 (\*)  
LCMXO3L-9400C-BG484 (\*)  
LCMXO3LF-1300C-BG256 (\*)  
LCMXO3LF-1300E-MG256 (\*)  
LCMXO3LF-2100C-BG256 (\*)  
LCMXO3LF-2100E-MG121 (\*)  
LCMXO3LF-2100E-MG324 (\*)  
LCMXO3LF-4300C-BG256 (\*)  
LCMXO3LF-4300C-BG400 (\*)  
LCMXO3LF-4300E-MG256 (\*)  
LCMXO3LF-4300E-UWG81 (\*)  
LCMXO3LF-6900C-BG256 (\*)

LCMXO2-256HE-MG132  
LCMXO2-256HE-UMG64  
LCMXO2-256ZE-TG100  
LCMXO2280C@csBGA132  
LCMXO2280C@ftBGA324  
LCMXO2280C@TQFP144  
LCMXO2280E@ftBGA256  
LCMXO2280E@TQFP100  
LCMXO2-4000HC-BG256  
LCMXO2-4000HC-FG484  
LCMXO2-4000HC-MG132  
LCMXO2-4000HE-BG256  
LCMXO2-4000HE-FG484  
LCMXO2-4000HE-MG132  
LCMXO2-4000ZE-BG256  
LCMXO2-4000ZE-FG484  
LCMXO2-4000ZE-MG132  
LCMXO256C@TQFP100  
LCMXO256E@TQFP100  
LCMXO2-640HC-MG132  
LCMXO2-640HE-MG132  
LCMXO2-640UHC-TG144  
LCMXO2-640ZE-TG100  
LCMXO2-7000HC-BG332  
LCMXO2-7000HC-FTG256  
LCMXO2-7000HE-BG256  
LCMXO2-7000HE-FG484  
LCMXO2-7000HE-TG144  
LCMXO2-7000ZE-BG332  
LCMXO2-7000ZE-FTG256  
LCMXO3L-1300C-BG256 (\*)  
LCMXO3L-1300E-MG256 (\*)  
LCMXO3L-2100C-BG256 (\*)  
LCMXO3L-2100E-MG121 (\*)  
LCMXO3L-2100E-MG324 (\*)  
LCMXO3L-4300C-BG256 (\*)  
LCMXO3L-4300C-BG400 (\*)  
LCMXO3L-4300E-MG256 (\*)  
LCMXO3L-4300E-UWG81 (\*)  
LCMXO3L-6900C-BG256 (\*)  
LCMXO3L-6900C-BG400 (\*)  
LCMXO3L-6900E-MG324 (\*)  
LCMXO3L-9400C-BG400 (\*)  
LCMXO3L-9400E-MG256 (\*)  
LCMXO3LF-1300E-MG121 (\*)  
LCMXO3LF-1300E-UWG36 (\*)  
LCMXO3LF-2100C-BG324 (\*)  
LCMXO3LF-2100E-MG256 (\*)  
LCMXO3LF-2100E-UWG49 (\*)  
LCMXO3LF-4300C-BG324 (\*)  
LCMXO3LF-4300E-MG121 (\*)  
LCMXO3LF-4300E-MG324 (\*)  
LCMXO3LF-640E-MG121 (\*)  
LCMXO3LF-6900C-BG324 (\*)

LCMXO3LF-6900C-BG400 (\*)  
LCMXO3LF-6900E-MG324 (\*)  
LCMXO3LF-9400C-BG400 (\*)  
LCMXO3LF-9400E-MG256 (\*)  
LCMXO640C@csBGA132  
LCMXO640C@fpBGA100  
LCMXO640C@TQFP100  
LCMXO640E@csBGA100  
LCMXO640E@fpBGA256  
LCMXO640E@TQFP144  
LFXP10C@fpBGA388  
LFXP10E@fpBGA388  
LFXP15C@fpBGA388  
LFXP15E@fpBGA256  
LFXP15E@fpBGA484  
LFXP20C@fpBGA388  
LFXP20E@fpBGA256  
LFXP20E@fpBGA484  
LFXP2-17E-FT256  
LFXP2-30E-F484  
LFXP2-30E-FT256  
LFXP2-40E-F672  
LFXP2-5E-M132  
LFXP2-5E-T144  
LFXP2-8E-M132  
LFXP2-8E-T144  
LFXP3C@TQFP100  
LFXP3E@PQFP208  
LFXP3E@TQFP144  
LFXP6C@PQFP208  
LFXP6E@fpBGA256  
LFXP6E@TQFP144  
LX128C@fpBGA208  
LX128EC@fpBGA208  
LX128V@fpBGA208  
LX256C@fpBGA484  
LX256EC@fpBGA484  
LX256V@fpBGA484  
LX64C@fpBGA100  
LX64EC@fpBGA100  
LX64V@fpBGA100  
M4-32/32VC44  
M4-64/32JC44  
M4-64/32VC48  
M4A3-192/96T144  
M4A3-32/32VC44  
M4A3-64/32JC44  
M4A3-64/32VC48  
M4A5-192/96T144  
M4A5-32/32VC44  
M4A5-64/32JC44  
M4A5-64/32VC48  
M4LV-32/32JC44  
M4LV-32/32VC48  
M4LV-64/32VC44

LCMXO3LF-6900E-MG256 (\*)  
LCMXO3LF-9400C-BG256 (\*)  
LCMXO3LF-9400C-BG484 (\*)  
LCMXO640C@csBGA100  
LCMXO640C@fpBGA256  
LCMXO640C@TQFP144  
LCMXO640E@csBGA132  
LCMXO640E@TQFP100  
LFXP10C@fpBGA256  
LFXP10E@fpBGA256  
LFXP15C@fpBGA256  
LFXP15E@fpBGA484  
LFXP15E@fpBGA388  
LFXP20C@fpBGA256  
LFXP20C@fpBGA484  
LFXP20E@fpBGA388  
LFXP2-17E-F484  
LFXP2-17E-Q208  
LFXP2-30E-F672  
LFXP2-40E-F484  
LFXP2-5E-FT256  
LFXP2-5E-Q208  
LFXP2-8E-FT256  
LFXP2-8E-Q208  
LFXP3C@PQFP208  
LFXP3C@TQFP144  
LFXP3E@TQFP100  
LFXP6C@fpBGA256  
LFXP6C@TQFP144  
LFXP6E@PQFP208  
LX128B@fpBGA208  
LX128EB@fpBGA208  
LX128EV@fpBGA208  
LX256B@fpBGA484  
LX256EB@fpBGA484  
LX256EV@fpBGA484  
LX64B@fpBGA100  
LX64EB@fpBGA100  
LX64EV@fpBGA100  
M4-32/32JC44  
M4-32/32VC48  
M4-64/32VC44  
M4-96/48VC100  
M4A3-32/32JC44  
M4A3-32/32VC48  
M4A3-64/32VC44  
M4A3-96/48VC100  
M4A5-32/32JC44  
M4A5-32/32VC48  
M4A5-64/32VC44  
M4A5-96/48VC100  
M4LV-32/32VC44  
M4LV-64/32JC44  
M4LV-64/32VC48



M4LV-96/48VC100

POWR607

LINKSMART

E (E) PROM/FRAM/NVRAM

L24C02

L24C04

LITAO

E (E) PROM/FRAM/NVRAM

LT24C01

LT24C02

LT24C04

LT24C08

LT24C16

LIZE

E (E) PROM/FRAM/NVRAM

L24C02

L24C04

L24C08

L24C16

LOADINGTECH

MICROCONTROLLER

MB96F6B6RB (\*)

PCF7922ATTD1AB (\*)

LXJ

MICROCONTROLLER

LXJ

LYONTEK

E (E) PROM/FRAM/NVRAM

LY24C02

LY24C04

LY24C08

LY24C16

MACRONIX

E (E) PROM/FRAM/NVRAM

KH25L1005

KH25L1005A

KH25L12805D	KH25L1605
KH25L1605A	KH25L1605D
KH25L1636D	KH25L2005
KH25L2025	KH25L3205
KH25L3205A	KH25L3205D
KH25L4005	KH25L4005A
KH25L4025A	KH25L512
KH25L512A	KH25L512C
KH25L6405	KH25L6405D
KH25L8005	KH25L8025
KH25L8036D	MX25F12850FM2I (*)
MX25L1005	MX25L1005A
MX25L1005C	MX25L12805D
MX25L12805D(512bit OTP)	MX25L12805N
MX25L1605	MX25L1605A
MX25L1605D	MX25L1605D(512bit OTP)
MX25L1606E	MX25L1608D
MX25L1608E	MX25L1636D
MX25L2005	MX25L2005C
MX25L2006E	MX25L2025
MX25L2026C	MX25L2026E
MX25L25635F(*)	MX25L3205
MX25L3205A	MX25L3205D
MX25L3205D(512bit OTP)	MX25L3206E
MX25L3208D	MX25L3208E
MX25L3235D	MX25L3236D
MX25L4005	MX25L4005A
MX25L4005C	MX25L4006E
MX25L4025A	MX25L512
MX25L512A	MX25L512C
MX25L6405	MX25L6405D
MX25L6405D(512bit OTP)	MX25L6406E
MX25L6408D	MX25L6408E
MX25L6445E	MX25L8005
MX25L8006E(*)	MX25L8025
MX25L8036D	MX25R3235F(*)
MX25U1635E	MX25U8035E
MX25V4005	MX25V512
MX25V512C	MX25V8006E

MAXCOM

E (E) PROM/FRAM/NVRAM

MAX24A02	MAX24A04
MAX24A08	MAX24A16
MAX93LC46	MAX93LC46G

MAXIM

E (E) PROM/FRAM/NVRAM

DS2431P (\*)  
DS28E10

DS2432P

MICROCONTROLLER

BQ2022ADBZR (\*)  
BQ2022DBZR (\*)  
MAX9684

BQ2022ALPR (\*)  
BQ2022LPR (\*)

MDH

MICROCONTROLLER

R5F52106CDFP (\*)

R5F52107CDFP (\*)

MEDIA

MICROCONTROLLER

UPD78F0515 (UART 8M) (\*)

MEGAWIN

E (E) PROM/FRAM/NVRAM

MM25SB512

MICROCHIP

E (E) PROM/FRAM/NVRAM

24AA00  
24AA014  
24AA024  
24AA04  
24AA1025  
24AA16  
24AA174  
24AA32  
24AA512  
24AA52  
24AA65  
24C01  
24C01C  
24C02A  
24C04  
24C08  
24C16  
24C32  
24C65

24AA01  
24AA02  
24AA025  
24AA08  
24AA128  
24AA164  
24AA256  
24AA32A  
24AA515  
24AA64  
24C00  
24C01A  
24C02  
24C02C  
24C04A  
24C08B  
24C16B  
24C64  
24FC1025

24FC128	24FC256
24FC32	24FC512
24FC515	24FC65
24LC00	24LC01
24LC014	24LC01B
24LC02	24LC024
24LC025	24LC02B
24LC04	24LC04B
24LC08	24LC08B
24LC1025	24LC128
24LC16	24LC164
24LC16B	24LC174
24LC21	24LC21A
24LC22A	24LC256
24LC32	24LC32A
24LC512	24LC515
24LC64	24LC65
24LCS21	24LCS21A
24LCS22	24LCS22A
24LCS52	25AA010
25AA010A	25AA020
25AA020A	25AA040
25AA040A	25AA080
25AA080A	25AA080B
25AA080C	25AA080D
25AA1024	25AA128
25AA160	25AA160A
25AA160B	25AA160C
25AA160D	25AA256
25AA320	25AA320A
25AA512	25AA640
25AA640A	25C040
25C080	25C160
25C320	25C640
25LC010	25LC010A
25LC020	25LC020A
25LC040	25LC040A
25LC080	25LC080A
25LC080B	25LC080C
25LC080D	25LC1024
25LC128	25LC160
25LC160A	25LC160B
25LC160C	25LC160D
25LC256	25LC320
25LC320A	25LC512
25LC640	25LC640A
85C72	85C82
85C92	93AA46 (08bit)
93AA46 (16bit)	93AA46A (08bit)
93AA46B (16bit)	93AA46C (08bit)
93AA46C (16bit)	93AA56 (08bit)
93AA56 (16bit)	93AA56A (08bit)
93AA56B (16bit)	93AA56C (08bit)
93AA56C (16bit)	93AA66 (08bit)

93AA66 (16bit)	93AA66A (08bit)
93AA66B (16bit)	93AA66C (08bit)
93AA66C (16bit)	93AA76 (08bit)
93AA76 (16bit)	93AA76A (08bit)
93AA76B (16bit)	93AA76C (08bit)
93AA76C (16bit)	93AA86 (08bit)
93AA86 (16bit)	93AA86A (08bit)
93AA86B (16bit)	93AA86C (08bit)
93AA86C (16bit)	93C06 (08bit)
93C06 (16bit)	93C46 (08bit)
93C46 (16bit)	93C46A (08bit)
93C46B (16bit)	93C46C (08bit)
93C46C (16bit)	93C56 (08bit)
93C56 (16bit)	93C56A (08bit)
93C56B (16bit)	93C56C (08bit)
93C56C (16bit)	93C66 (08bit)
93C66 (16bit)	93C66A (08bit)
93C66B (16bit)	93C66C (08bit)
93C66C (16bit)	93C76 (08bit)
93C76 (16bit)	93C76A (08bit)
93C76B (16bit)	93C76C (08bit)
93C76C (16bit)	93C86 (08bit)
93C86 (16bit)	93C86A (08bit)
93C86B (16bit)	93C86C (08bit)
93C86C (16bit)	93LC46 (08bit)
93LC46 (16bit)	93LC46A (08bit)
93LC46B (16bit)	93LC46BX
93LC46C (08bit)	93LC46C (16bit)
93LC56 (08bit)	93LC56 (16bit)
93LC56A (08bit)	93LC56B (16bit)
93LC56BX	93LC56C (08bit)
93LC56C (16bit)	93LC66 (08bit)
93LC66 (16bit)	93LC66A (08bit)
93LC66B (16bit)	93LC66BX
93LC66C (08bit)	93LC66C (16bit)
93LC76 (08bit)	93LC76 (16bit)
93LC76A (08bit)	93LC76B (16bit)
93LC76C (08bit)	93LC76C (16bit)
93LC86 (08bit)	93LC86 (16bit)
93LC86A (08bit)	93LC86B (16bit)
93LC86C (08bit)	93LC86C (16bit)
93LCS46	93LCS56
93LCS66	USBF129 (*)

#### MICROCONTROLLER

dsPIC33EP128GP502	dsPIC33EP128GP503
dsPIC33EP128GP504	dsPIC33EP128GP506
dsPIC33EP128MC202	dsPIC33EP128MC203
dsPIC33EP128MC204	dsPIC33EP128MC206
dsPIC33EP128MC206 (DIEHL)	dsPIC33EP128MC502
dsPIC33EP128MC503	dsPIC33EP128MC504
dsPIC33EP128MC506	dsPIC33EP256GP502
dsPIC33EP256GP503	dsPIC33EP256GP504

dsPIC33EP256GP506	dsPIC33EP256GP506 (frauscher) (*)
dsPIC33EP256MC202	dsPIC33EP256MC203
dsPIC33EP256MC204	dsPIC33EP256MC206
dsPIC33EP256MC206 (DIEHL) (*)	dsPIC33EP256MC502
dsPIC33EP256MC503	dsPIC33EP256MC504
dsPIC33EP256MC506	dsPIC33EP256MU806
dsPIC33EP256MU810	dsPIC33EP256MU814
dsPIC33EP32GP502	dsPIC33EP32GP503
dsPIC33EP32GP504	dsPIC33EP32MC202
dsPIC33EP32MC203	dsPIC33EP32MC204
dsPIC33EP32MC502	dsPIC33EP32MC503
dsPIC33EP32MC504	dsPIC33EP512GP502
dsPIC33EP512GP504	dsPIC33EP512GP506
dsPIC33EP512GP806	dsPIC33EP512MC202
dsPIC33EP512MC204	dsPIC33EP512MC206
dsPIC33EP512MC502	dsPIC33EP512MC504
dsPIC33EP512MC506	dsPIC33EP512MC806
dsPIC33EP512MU810	dsPIC33EP512MU814
dsPIC33EP64GP502	dsPIC33EP64GP503
dsPIC33EP64GP504	dsPIC33EP64GP506
dsPIC33EP64MC202	dsPIC33EP64MC203
dsPIC33EP64MC204	dsPIC33EP64MC206
dsPIC33EP64MC502	dsPIC33EP64MC503
dsPIC33EP64MC504	dsPIC33EP64MC506
dsPIC33FJ06GS001	dsPIC33FJ06GS101
dsPIC33FJ06GS101A	dsPIC33FJ06GS102
dsPIC33FJ06GS102A	dsPIC33FJ06GS202
dsPIC33FJ06GS202A	dsPIC33FJ09GS302
dsPIC33FJ128GP202	dsPIC33FJ128GP204
dsPIC33FJ128GP206	dsPIC33FJ128GP206A
dsPIC33FJ128GP306	dsPIC33FJ128GP306A
dsPIC33FJ128GP310	dsPIC33FJ128GP310A
dsPIC33FJ128GP706	dsPIC33FJ128GP706A
dsPIC33FJ128GP708	dsPIC33FJ128GP708A
dsPIC33FJ128GP710	dsPIC33FJ128GP710A
dsPIC33FJ128GP802	dsPIC33FJ128GP804
dsPIC33FJ128MC202	dsPIC33FJ128MC204
dsPIC33FJ128MC506	dsPIC33FJ128MC506A
dsPIC33FJ128MC510	dsPIC33FJ128MC510A
dsPIC33FJ128MC706	dsPIC33FJ128MC706A
dsPIC33FJ128MC708	dsPIC33FJ128MC708A
dsPIC33FJ128MC710	dsPIC33FJ128MC710A
dsPIC33FJ128MC802	dsPIC33FJ128MC804
dsPIC33FJ12GP201	dsPIC33FJ12GP202
dsPIC33FJ12MC201	dsPIC33FJ12MC202
dsPIC33FJ16GP101	dsPIC33FJ16GP102
dsPIC33FJ16GP304	dsPIC33FJ16GS402
dsPIC33FJ16GS404	dsPIC33FJ16GS502
dsPIC33FJ16GS504	dsPIC33FJ16MC101
dsPIC33FJ16MC102	dsPIC33FJ16MC304
dsPIC33FJ256GP506	dsPIC33FJ256GP506A
dsPIC33FJ256GP510	dsPIC33FJ256GP510A
dsPIC33FJ256GP710	dsPIC33FJ256GP710A
dsPIC33FJ256MC510	dsPIC33FJ256MC510A

dsPIC33FJ256MC710	dsPIC33FJ256MC710A
dsPIC33FJ32GP101	dsPIC33FJ32GP102
dsPIC33FJ32GP104	dsPIC33FJ32GP202
dsPIC33FJ32GP204	dsPIC33FJ32GP302
dsPIC33FJ32GP304	dsPIC33FJ32GS406
dsPIC33FJ32GS606	dsPIC33FJ32GS608
dsPIC33FJ32GS610	dsPIC33FJ32MC101
dsPIC33FJ32MC102	dsPIC33FJ32MC104
dsPIC33FJ32MC202	dsPIC33FJ32MC204
dsPIC33FJ32MC302	dsPIC33FJ32MC304
dsPIC33FJ64GP202	dsPIC33FJ64GP204
dsPIC33FJ64GP206	dsPIC33FJ64GP206A
dsPIC33FJ64GP306	dsPIC33FJ64GP306A
dsPIC33FJ64GP310	dsPIC33FJ64GP310A
dsPIC33FJ64GP706	dsPIC33FJ64GP706A
dsPIC33FJ64GP708	dsPIC33FJ64GP708A
dsPIC33FJ64GP710	dsPIC33FJ64GP710A
dsPIC33FJ64GP802	dsPIC33FJ64GP804
dsPIC33FJ64GS406	dsPIC33FJ64GS606
dsPIC33FJ64GS608	dsPIC33FJ64GS610
dsPIC33FJ64MC202	dsPIC33FJ64MC204
dsPIC33FJ64MC506	dsPIC33FJ64MC506A
dsPIC33FJ64MC508	dsPIC33FJ64MC508A
dsPIC33FJ64MC510	dsPIC33FJ64MC510A
dsPIC33FJ64MC706	dsPIC33FJ64MC706A
dsPIC33FJ64MC710	dsPIC33FJ64MC710A
dsPIC33FJ64MC802	dsPIC33FJ64MC804
HA2089	PIC10F200
PIC10F202	PIC10F204
PIC10F206	PIC10F220
PIC10F222	PIC12C508
PIC12C508A	PIC12C509
PIC12C509A	PIC12C671
PIC12C672	PIC12CE508
PIC12CE509	PIC12CE673
PIC12CE674	PIC12F1501
PIC12F1501 (32-WORD)	PIC12F1822 (HIGH-VOLTAGE)
PIC12F1822 (HIGH-VOLTAGE) (8-WORD)	PIC12F1822 (I2C) (*)
PIC12F1822 (I2C) (LV) (*)	PIC12F1822 (LOW-VOLTAGE)
PIC12F1840	PIC12F1840 (8-WORD)
PIC12F508	PIC12F509
PIC12F510	PIC12F519
PIC12F609	PIC12F615
PIC12F617	PIC12F629
PIC12F635	PIC12F635 (4-WORD)
PIC12F675	PIC12F683
PIC12F683 (4-WORD)	PIC12HV609
PIC12HV615	PIC12LC508
PIC12LC508A	PIC12LC509
PIC12LC509A	PIC12LC671
PIC12LC672	PIC12LF1501
PIC12LF1501 (32-WORD)	PIC12LF1822 (HIGH-VOLTAGE)
PIC12LF1822 (HIGH-VOLTAGE) (8-WORD)	PIC12LF1822 (LOW-VOLTAGE)
PIC12LF1840	PIC12LF1840 (8-WORD)

PIC12LF508	PIC12LF509
PIC12LF519	PIC14000
PIC16C432	PIC16C433
PIC16C505	PIC16C554
PIC16C556	PIC16C558
PIC16C61	PIC16C62
PIC16C620	PIC16C620A
PIC16C621	PIC16C621A
PIC16C622	PIC16C622A
PIC16C625	PIC16C62A
PIC16C62B	PIC16C63
PIC16C63A	PIC16C64
PIC16C641	PIC16C642
PIC16C64A	PIC16C65
PIC16C65A	PIC16C65B
PIC16C66	PIC16C661
PIC16C662	PIC16C67
PIC16C70	PIC16C71
PIC16C710	PIC16C711
PIC16C712	PIC16C715
PIC16C716	PIC16C717
PIC16C71A	PIC16C72
PIC16C72A	PIC16C73
PIC16C73A	PIC16C73B
PIC16C74	PIC16C745
PIC16C74A	PIC16C74B
PIC16C76	PIC16C765
PIC16C77	PIC16C770
PIC16C771	PIC16C773
PIC16C774	PIC16C781
PIC16C782	PIC16C84
PIC16C923	PIC16C924
PIC16C925	PIC16C926
PIC16CE623	PIC16CE624
PIC16CE625	PIC16CR83
PIC16CR84	PIC16F1503
PIC16F1503 (16-WORD)	PIC16F1507
PIC16F1507 (16-WORD)	PIC16F1508
PIC16F1508 (32-WORD)	PIC16F1509
PIC16F1509 (32-WORD)	PIC16F1512
PIC16F1513	PIC16F1516
PIC16F1517	PIC16F1518
PIC16F1519	PIC16F1526
PIC16F1527	PIC16F15324 (*)
PIC16F1782	PIC16F1783
PIC16F1784	PIC16F1786
PIC16F1787	PIC16F1788
PIC16F1789	PIC16F1823 (HIGH-VOLTAGE) (*)
PIC16F1823 (HIGH-VOLTAGE) (8-WORD) (*)	PIC16F1823 (LOW-VOLTAGE) (*)
PIC16F1824 (HIGH-VOLTAGE)	PIC16F1824 (HIGH-VOLTAGE) (8-WORD)
PIC16F1824 (LOW-VOLTAGE)	PIC16F1825 (HIGH-VOLTAGE)
PIC16F1825 (HIGH-VOLTAGE) (8-WORD)	PIC16F1825 (LOW-VOLTAGE)
PIC16F1826 (HIGH-VOLTAGE)	PIC16F1826 (HIGH-VOLTAGE) (8-WORD)
PIC16F1826 (LOW-VOLTAGE)	PIC16F1827 (HIGH-VOLTAGE)



PIC16F1827 (HIGH-VOLTAGE) (8-WORD)	PIC16F1827 (LOW-VOLTAGE)
PIC16F1828 (HIGH-VOLTAGE)	PIC16F1828 (HIGH-VOLTAGE) (8-WORD)
PIC16F1828 (LOW-VOLTAGE)	PIC16F1829 (HIGH-VOLTAGE) (*)
PIC16F1829 (HIGH-VOLTAGE) (8-WORD) (*)	PIC16F1829 (LOW-VOLTAGE) (*)
PIC16F1847	PIC16F1847 (8-WORD)
PIC16F1933	PIC16F1933 (8-WORD)
PIC16F1934	PIC16F1934 (8-WORD)
PIC16F1936	PIC16F1936 (8-WORD)
PIC16F1936 (8-WORD) (*)	PIC16F1937
PIC16F1937 (8-WORD)	PIC16F1938
PIC16F1938 (8-WORD)	PIC16F1939
PIC16F1939 (8-WORD)	PIC16F1946
PIC16F1946 (8-WORD)	PIC16F1947
PIC16F1947 (8-WORD)	PIC16F505
PIC16F506	PIC16F526
PIC16F54	PIC16F57
PIC16F59	PIC16F610
PIC16F616	PIC16F616 (FOUR-WORD PROGRAMMING)
PIC16F627	PIC16F627A
PIC16F628	PIC16F628A
PIC16F630	PIC16F631
PIC16F631 (FOUR-WORD PROGRAMMING)	PIC16F636
PIC16F636 (4-WORD)	PIC16F639
PIC16F639 (FOUR-WORD PROGRAMMING)	PIC16F648A
PIC16F676	PIC16F677
PIC16F677 (FOUR-WORD PROGRAMMING)	PIC16F684
PIC16F684 (4-WORD)	PIC16F685
PIC16F685 (FOUR-WORD PROGRAMMING)	PIC16F687
PIC16F687 (FOUR-WORD PROGRAMMING)	PIC16F688
PIC16F688 (4-WORD)	PIC16F689
PIC16F689 (FOUR-WORD PROGRAMMING)	PIC16F690
PIC16F690 (FOUR-WORD PROGRAMMING)	PIC16F716
PIC16F716 (FOUR-WORD PROGRAMMING)	PIC16F72
PIC16F720	PIC16F720 (32-WORD PROGRAM)
PIC16F721	PIC16F721 (32-WORD PROGRAM)
PIC16F722	PIC16F722A
PIC16F723	PIC16F723A
PIC16F724	PIC16F726
PIC16F727	PIC16F73
PIC16F737	PIC16F74
PIC16F747	PIC16F76
PIC16F767	PIC16F77
PIC16F777	PIC16F785
PIC16F818	PIC16F819
PIC16F83	PIC16F84
PIC16F84A	PIC16F87
PIC16F870	PIC16F871
PIC16F872	PIC16F873
PIC16F873A (3.3V) (HIGH-VOLTAGE ISP)	PIC16F873A (3.3V) (LOW-VOLTAGE ISP)
PIC16F873A (HIGH-VOLTAGE ISP)	PIC16F873A (LOW-VOLTAGE ISP)
PIC16F874	PIC16F874A (3.3V) (HIGH-VOLTAGE ISP)
PIC16F874A (3.3V) (LOW-VOLTAGE ISP)	PIC16F874A (HIGH-VOLTAGE ISP)
PIC16F874A (LOW-VOLTAGE ISP)	PIC16F876
PIC16F876A (3.3V) (HIGH-VOLTAGE ISP)	PIC16F876A (3.3V) (LOW-VOLTAGE ISP)

PIC16F876A (HIGH-VOLTAGE ISP)	PIC16F876A (LOW-VOLTAGE ISP)
PIC16F877	PIC16F877A (3.3V) (HIGH-VOLTAGE ISP)
PIC16F877A (3.3V) (LOW-VOLTAGE ISP)	PIC16F877A (HIGH-VOLTAGE ISP)
PIC16F877A (LOW-VOLTAGE ISP)	PIC16F88
PIC16F882 (HIGH-VOLTAGE ISP)	
PIC16F882 (HIGH-VOLTAGE ISP) (FOUR-WORD)	
PIC16F882 (LOW-VOLTAGE ISP)	
PIC16F882 (LOW-VOLTAGE ISP) (FOUR-WORD)	
PIC16F883 (HIGH-VOLTAGE ISP)	
PIC16F883 (HIGH-VOLTAGE ISP) (FOUR-WORD)	
PIC16F883 (LOW-VOLTAGE ISP)	
PIC16F883 (LOW-VOLTAGE ISP) (FOUR-WORD)	
PIC16F884 (HIGH-VOLTAGE ISP)	
PIC16F884 (HIGH-VOLTAGE ISP) (FOUR-WORD)	
PIC16F884 (LOW-VOLTAGE ISP)	
PIC16F884 (LOW-VOLTAGE ISP) (FOUR-WORD)	
PIC16F886 (HIGH-VOLTAGE ISP)	
PIC16F886 (HIGH-VOLTAGE ISP) (EIGHT-WORD PROGRAMMING)	
PIC16F886 (LOW-VOLTAGE ISP)	
PIC16F886 (LOW-VOLTAGE ISP) (EIGHT-WORD PROGRAMMING)	
PIC16F887 (HIGH-VOLTAGE ISP)	
PIC16F887 (HIGH-VOLTAGE ISP) (EIGHT-WORD PROGRAMMING)	
PIC16F887 (LOW-VOLTAGE ISP)	
PIC16F887 (LOW-VOLTAGE ISP) (EIGHT-WORD PROGRAMMING)	
PIC16F913	PIC16F914
PIC16F916	PIC16F917
PIC16F946	PIC16HV610
PIC16HV616	PIC16HV785
PIC16LC554	PIC16LC556
PIC16LC558	PIC16LC61
PIC16LC62	PIC16LC620
PIC16LC620A	PIC16LC621
PIC16LC621A	PIC16LC622
PIC16LC622A	PIC16LC625
PIC16LC62A	PIC16LC62B
PIC16LC63	PIC16LC63A
PIC16LC64	PIC16LC64A
PIC16LC65	PIC16LC65A
PIC16LC65B	PIC16LC66
PIC16LC67	PIC16LC70
PIC16LC71	PIC16LC710
PIC16LC711	PIC16LC712
PIC16LC715	PIC16LC716
PIC16LC717	PIC16LC71A
PIC16LC72	PIC16LC72A
PIC16LC73	PIC16LC73A
PIC16LC73B	PIC16LC74
PIC16LC74A	PIC16LC74B
PIC16LC76	PIC16LC77
PIC16LC773	PIC16LC774
PIC16LC84	PIC16LC923
PIC16LC924	PIC16LC925
PIC16LC926	PIC16LCE623
PIC16LCE624	PIC16LCE625

PIC16LF1503	PIC16LF1503 (16-WORD)
PIC16LF1507	PIC16LF1507 (16-WORD)
PIC16LF1508	PIC16LF1508 (32-WORD)
PIC16LF1509	PIC16LF1509 (32-WORD)
PIC16LF1512	PIC16LF1513
PIC16LF1516	PIC16LF1517
PIC16LF1518	PIC16LF1519
PIC16LF1526	PIC16LF1527
PIC16LF1782	PIC16LF1783
PIC16LF1784	PIC16LF1786
PIC16LF1787	PIC16LF1788
PIC16LF1789	PIC16LF1823 (HIGH-VOLTAGE)
PIC16LF1823 (HIGH-VOLTAGE) (8-WORD)	PIC16LF1823 (LOW-VOLTAGE)
PIC16LF1824 (HIGH-VOLTAGE)	PIC16LF1824 (HIGH-VOLTAGE) (8-WORD)
PIC16LF1824 (LOW-VOLTAGE)	PIC16LF1825 (HIGH-VOLTAGE)
PIC16LF1825 (HIGH-VOLTAGE) (8-WORD)	PIC16LF1825 (LOW-VOLTAGE)
PIC16LF1826 (HIGH-VOLTAGE)	PIC16LF1826 (HIGH-VOLTAGE) (8-WORD)
PIC16LF1826 (LOW-VOLTAGE)	PIC16LF1827 (HIGH-VOLTAGE)
PIC16LF1827 (HIGH-VOLTAGE) (8-WORD)	PIC16LF1827 (LOW-VOLTAGE)
PIC16LF1828 (HIGH-VOLTAGE)	PIC16LF1828 (HIGH-VOLTAGE) (8-WORD)
PIC16LF1828 (LOW-VOLTAGE)	PIC16LF1829 (HIGH-VOLTAGE) (*)
PIC16LF1829 (HIGH-VOLTAGE) (8-WORD) (*)	
PIC16LF1829 (LOW-VOLTAGE) (*)	PIC16LF1847
PIC16LF1847 (8-WORD)	PIC16LF1902
PIC16LF1902 (8-WORD)	PIC16LF1903
PIC16LF1903 (8-WORD)	PIC16LF1904
PIC16LF1904 (8-WORD)	PIC16LF1906
PIC16LF1906 (8-WORD)	PIC16LF1907
PIC16LF1907 (8-WORD)	PIC16LF1933
PIC16LF1933 (8-WORD)	PIC16LF1934
PIC16LF1934 (8-WORD)	PIC16LF1936
PIC16LF1936 (8-WORD)	PIC16LF1937
PIC16LF1937 (8-WORD)	PIC16LF1938
PIC16LF1938 (8-WORD)	PIC16LF1938 (8-WORD) (*)
PIC16LF1939	PIC16LF1939 (8-WORD)
PIC16LF1946	PIC16LF1946 (8-WORD)
PIC16LF1947	PIC16LF1947 (8-WORD)
PIC16LF505	PIC16LF506
PIC16LF526	PIC16LF54
PIC16LF57	PIC16LF59
PIC16LF627	PIC16LF627A
PIC16LF628	PIC16LF628A
PIC16LF631	PIC16LF631 (FOUR-WORD PROGRAMMING)
PIC16LF639	PIC16LF639 (FOUR-WORD PROGRAMMING)
PIC16LF648A	PIC16LF677
PIC16LF677 (FOUR-WORD PROGRAMMING)	PIC16LF685
PIC16LF685 (FOUR-WORD PROGRAMMING)	PIC16LF687
PIC16LF687 (FOUR-WORD PROGRAMMING)	PIC16LF689
PIC16LF689 (FOUR-WORD PROGRAMMING)	PIC16LF690
PIC16LF690 (FOUR-WORD PROGRAMMING)	PIC16LF716
PIC16LF716 (FOUR-WORD PROGRAMMING)	PIC16LF72
PIC16LF720	PIC16LF720 (32-WORD PROGRAM)
PIC16LF721	PIC16LF721 (32-WORD PROGRAM)
PIC16LF722	PIC16LF722A

PIC16LF723	PIC16LF723A
PIC16LF724	PIC16LF726
PIC16LF727	PIC16LF73
PIC16LF737	PIC16LF74
PIC16LF747	PIC16LF76
PIC16LF767	PIC16LF77
PIC16LF777	PIC16LF818
PIC16LF819	PIC16LF83
PIC16LF84	PIC16LF84A
PIC16LF87	PIC16LF870
PIC16LF871	PIC16LF872
PIC16LF873	PIC16LF873A (3.3V) (HIGH-VOLTAGE ISP)
PIC16LF873A (3.3V) (LOW-VOLTAGE ISP)	PIC16LF873A (HIGH-VOLTAGE ISP)
PIC16LF873A (LOW-VOLTAGE ISP)	PIC16LF874
PIC16LF874A (3.3V) (HIGH-VOLTAGE ISP)	PIC16LF874A (3.3V) (LOW-VOLTAGE ISP)
PIC16LF874A (HIGH-VOLTAGE ISP)	PIC16LF874A (LOW-VOLTAGE ISP)
PIC16LF876	PIC16LF876A (3.3V) (HIGH-VOLTAGE ISP)
PIC16LF876A (3.3V) (LOW-VOLTAGE ISP)	PIC16LF876A (HIGH-VOLTAGE ISP)
PIC16LF876A (LOW-VOLTAGE ISP)	PIC16LF877
PIC16LF877A (3.3V) (HIGH-VOLTAGE ISP)	PIC16LF877A (3.3V) (LOW-VOLTAGE ISP)
PIC16LF877A (HIGH-VOLTAGE ISP)	PIC16LF877A (LOW-VOLTAGE ISP)
PIC16LF88	PIC16LF913
PIC16LF914	PIC16LF916
PIC16LF917	PIC16LF946
PIC18C242	PIC18C252
PIC18C442	PIC18C452
PIC18C658	PIC18C858
PIC18F1220	PIC18F1230 (HIGH-VOLTAGE ISP)
PIC18F1230 (LOW-VOLTAGE ISP)	PIC18F1320
PIC18F1330 (HIGH-VOLTAGE ISP)	PIC18F1330 (LOW-VOLTAGE ISP)
PIC18F1330-ICD (HIGH-VOLTAGE ISP)	PIC18F1330-ICD (LOW-VOLTAGE ISP)
PIC18F13K22 (HIGH-VOLTAGE ISP)	PIC18F13K22 (LOW-VOLTAGE ISP)
PIC18F13K50 (HIGH-VOLTAGE ISP)	PIC18F13K50 (LOW-VOLTAGE ISP)
PIC18F14K22 (HIGH-VOLTAGE ISP)	PIC18F14K22 (LOW-VOLTAGE ISP)
PIC18F14K50 (HIGH-VOLTAGE ISP)	PIC18F14K50 (LOW-VOLTAGE ISP)
PIC18F2220	PIC18F2221 (HIGH-VOLTAGE ISP)
PIC18F2221 (LOW-VOLTAGE ISP)	PIC18F2320
PIC18F2321 (HIGH-VOLTAGE ISP)	PIC18F2321 (LOW-VOLTAGE ISP)
PIC18F2331 (HIGH-VOLTAGE ISP)	PIC18F2331 (LOW-VOLTAGE ISP)
PIC18F23K20 (HIGH-VOLTAGE ISP)	PIC18F23K20 (LOW-VOLTAGE ISP)
PIC18F23K22 (HIGH-VOLTAGE ISP)	PIC18F23K22 (LOW-VOLTAGE ISP)
PIC18F2410 (HIGH-VOLTAGE ISP)	PIC18F2410 (LOW-VOLTAGE ISP)
PIC18F242 (HIGH-VOLTAGE ISP)	PIC18F242 (LOW-VOLTAGE ISP)
PIC18F2420 (HIGH-VOLTAGE ISP)	PIC18F2420 (LOW-VOLTAGE ISP)
PIC18F2423 (HIGH-VOLTAGE ISP)	PIC18F2423 (LOW-VOLTAGE ISP)
PIC18F2431 (HIGH-VOLTAGE ISP)	PIC18F2431 (LOW-VOLTAGE ISP)
PIC18F2439 (HIGH-VOLTAGE ISP)	PIC18F2439 (LOW-VOLTAGE ISP)
PIC18F2450 (HIGH-VOLTAGE ISP)	PIC18F2450 (LOW-VOLTAGE ISP)
PIC18F2455 (HIGH-VOLTAGE ISP)	PIC18F2455 (LOW-VOLTAGE ISP)
PIC18F2458 (HIGH-VOLTAGE ISP)	PIC18F2458 (LOW-VOLTAGE ISP)
PIC18F248 (HIGH-VOLTAGE ISP)	PIC18F248 (LOW-VOLTAGE ISP)
PIC18F2480 (HIGH-VOLTAGE ISP)	PIC18F2480 (LOW-VOLTAGE ISP)
PIC18F24J10	PIC18F24J11
PIC18F24J50	PIC18F24K20 (HIGH-VOLTAGE ISP)



PIC18F4523 (LOW-VOLTAGE ISP) PIC18F4525 (HIGH-VOLTAGE ISP)  
PIC18F4525 (LOW-VOLTAGE ISP) PIC18F4539 (HIGH-VOLTAGE ISP)  
PIC18F4539 (LOW-VOLTAGE ISP) PIC18F4550 (HIGH-VOLTAGE ISP)  
PIC18F4550 (LOW-VOLTAGE ISP) PIC18F4553 (HIGH-VOLTAGE ISP)  
PIC18F4553 (LOW-VOLTAGE ISP) PIC18F458 (HIGH-VOLTAGE ISP)  
PIC18F458 (LOW-VOLTAGE ISP) PIC18F4580 (HIGH-VOLTAGE ISP)  
PIC18F4580 (LOW-VOLTAGE ISP) PIC18F4585 (HIGH-VOLTAGE ISP)  
PIC18F4585 (LOW-VOLTAGE ISP) PIC18F45J10  
PIC18F45J11 PIC18F45J50  
PIC18F45K20 (HIGH-VOLTAGE ISP) PIC18F45K20 (LOW-VOLTAGE ISP)  
PIC18F45K22 (HIGH-VOLTAGE ISP) PIC18F45K22 (LOW-VOLTAGE ISP)  
PIC18F45K80 PIC18F4610 (HIGH-VOLTAGE ISP)  
PIC18F4610 (LOW-VOLTAGE ISP) PIC18F4620 (HIGH-VOLTAGE ISP)  
PIC18F4620 (LOW-VOLTAGE ISP) PIC18F4680 (HIGH-VOLTAGE ISP)  
PIC18F4680 (LOW-VOLTAGE ISP) PIC18F4682 (HIGH-VOLTAGE ISP)  
PIC18F4682 (LOW-VOLTAGE ISP) PIC18F4685 (HIGH-VOLTAGE ISP)  
PIC18F4685 (LOW-VOLTAGE ISP) PIC18F46J11  
PIC18F46J13 PIC18F46J50  
PIC18F46J53 PIC18F46K20 (HIGH-VOLTAGE ISP)  
PIC18F46K20 (LOW-VOLTAGE ISP) PIC18F46K22 (HIGH-VOLTAGE ISP)  
PIC18F46K22 (LOW-VOLTAGE ISP) PIC18F46K80  
PIC18F47J13 PIC18F47J53  
PIC18F63J11 (ISP) (Regulator Disabled)  
PIC18F63J11 (ISP) (Regulator Enabled) PIC18F63J90 (ISP) (Regulator Disabled)  
PIC18F63J90 (ISP) (Regulator Enabled) PIC18F64J11 (ISP) (Regulator Disabled)  
PIC18F64J11 (ISP) (Regulator Enabled) PIC18F64J90 (ISP) (Regulator Disabled)  
PIC18F64J90 (ISP) (Regulator Enabled) PIC18F6520 (HIGH-VOLTAGE ISP)  
PIC18F6520 (LOW-VOLTAGE ISP) PIC18F6525 (HIGH-VOLTAGE ISP)  
PIC18F6525 (LOW-VOLTAGE ISP) PIC18F6527 (HIGH-VOLTAGE ISP)  
PIC18F6527 (LOW-VOLTAGE ISP) PIC18F6585 (HIGH-VOLTAGE ISP)  
PIC18F6585 (LOW-VOLTAGE ISP) PIC18F65J10 (ISP) (Regulator Disabled)  
PIC18F65J10 (ISP) (Regulator Enabled) PIC18F65J11 (ISP) (Regulator Disabled)  
PIC18F65J11 (ISP) (Regulator Enabled) PIC18F65J15 (ISP) (Regulator Disabled)  
PIC18F65J15 (ISP) (Regulator Enabled) PIC18F65J50 (ISP) (Regulator Disabled)  
PIC18F65J50 (ISP) (Regulator Enabled) PIC18F65J90 (ISP) (Regulator Disabled)  
PIC18F65J90 (ISP) (Regulator Enabled) PIC18F65K80  
PIC18F6620 (HIGH-VOLTAGE ISP) PIC18F6620 (LOW-VOLTAGE ISP)  
PIC18F6621 (HIGH-VOLTAGE ISP) PIC18F6621 (LOW-VOLTAGE ISP)  
PIC18F6622 (HIGH-VOLTAGE ISP) PIC18F6622 (LOW-VOLTAGE ISP)  
PIC18F6627 (HIGH-VOLTAGE ISP) PIC18F6627 (LOW-VOLTAGE ISP)  
PIC18F6680 (HIGH-VOLTAGE ISP) PIC18F6680 (LOW-VOLTAGE ISP)  
PIC18F66J10 (ISP) (Regulator Disabled)  
PIC18F66J10 (ISP) (Regulator Enabled) PIC18F66J15 (ISP) (Regulator Disabled)  
PIC18F66J15 (ISP) (Regulator Enabled) PIC18F66J16 (ISP) (Regulator Disabled)  
PIC18F66J16 (ISP) (Regulator Enabled) PIC18F66J50 (ISP) (Regulator Disabled)  
PIC18F66J50 (ISP) (Regulator Enabled) PIC18F66J55 (ISP) (Regulator Disabled)  
PIC18F66J55 (ISP) (Regulator Enabled) PIC18F66J60 (ISP) (Regulator Disabled)  
PIC18F66J60 (ISP) (Regulator Enabled) PIC18F66J65 (ISP) (Regulator Disabled)  
PIC18F66J65 (ISP) (Regulator Enabled) PIC18F66J90 (ISP) (Regulator Disabled)  
PIC18F66J90 (ISP) (Regulator Enabled) PIC18F66J93 (ISP) (Regulator Disabled)  
PIC18F66J93 (ISP) (Regulator Enabled) PIC18F66K80  
PIC18F6720 (HIGH-VOLTAGE ISP) PIC18F6720 (LOW-VOLTAGE ISP)  
PIC18F6722 (HIGH-VOLTAGE ISP) PIC18F6722 (LOW-VOLTAGE ISP)  
PIC18F67J10 (ISP) (Regulator Disabled)

PIC18F67J10 (ISP) (Regulator Enabled) PIC18F67J11 (ISP) (Regulator Disabled)  
PIC18F67J11 (ISP) (Regulator Enabled) PIC18F67J50 (ISP) (Regulator Disabled)  
PIC18F67J50 (ISP) (Regulator Enabled) PIC18F67J60 (ISP) (Regulator Disabled)  
PIC18F67J60 (ISP) (Regulator Enabled) PIC18F67J90 (ISP) (Regulator Disabled)  
PIC18F67J90 (ISP) (Regulator Enabled) PIC18F67J93 (ISP) (Regulator Disabled)  
PIC18F67J93 (ISP) (Regulator Enabled) PIC18F83J11 (ISP) (Regulator Disabled)  
PIC18F83J11 (ISP) (Regulator Enabled) PIC18F83J90 (ISP) (Regulator Disabled)  
PIC18F83J90 (ISP) (Regulator Enabled) PIC18F84J11 (ISP) (Regulator Disabled)  
PIC18F84J11 (ISP) (Regulator Enabled) PIC18F84J90 (ISP) (Regulator Disabled)  
PIC18F84J90 (ISP) (Regulator Enabled) PIC18F8520 (HIGH-VOLTAGE ISP)  
PIC18F8520 (LOW-VOLTAGE ISP) PIC18F8525 (HIGH-VOLTAGE ISP)  
PIC18F8525 (LOW-VOLTAGE ISP) PIC18F8527 (HIGH-VOLTAGE ISP)  
PIC18F8527 (LOW-VOLTAGE ISP) PIC18F8585 (HIGH-VOLTAGE ISP)  
PIC18F8585 (LOW-VOLTAGE ISP) PIC18F85J10 (ISP) (Regulator Disabled)  
PIC18F85J10 (ISP) (Regulator Enabled) PIC18F85J11 (ISP) (Regulator Disabled)  
PIC18F85J11 (ISP) (Regulator Enabled) PIC18F85J15 (ISP) (Regulator Disabled)  
PIC18F85J15 (ISP) (Regulator Enabled) PIC18F85J50 (ISP) (Regulator Disabled)  
PIC18F85J50 (ISP) (Regulator Enabled) PIC18F85J90 (ISP) (Regulator Disabled)  
PIC18F85J90 (ISP) (Regulator Enabled) PIC18F8620 (HIGH-VOLTAGE ISP)  
PIC18F8620 (LOW-VOLTAGE ISP) PIC18F8621 (HIGH-VOLTAGE ISP)  
PIC18F8621 (LOW-VOLTAGE ISP) PIC18F8622 (HIGH-VOLTAGE ISP)  
PIC18F8622 (LOW-VOLTAGE ISP) PIC18F8627 (HIGH-VOLTAGE ISP)  
PIC18F8627 (LOW-VOLTAGE ISP) PIC18F8680 (HIGH-VOLTAGE ISP)  
PIC18F8680 (LOW-VOLTAGE ISP) PIC18F86J10 (ISP) (Regulator Disabled)  
PIC18F86J10 (ISP) (Regulator Enabled) PIC18F86J11 (ISP) (Regulator Disabled)  
PIC18F86J11 (ISP) (Regulator Enabled) PIC18F86J15 (ISP) (Regulator Disabled)  
PIC18F86J15 (ISP) (Regulator Enabled) PIC18F86J16 (ISP) (Regulator Disabled)  
PIC18F86J16 (ISP) (Regulator Enabled) PIC18F86J50 (ISP) (Regulator Disabled)  
PIC18F86J50 (ISP) (Regulator Enabled) PIC18F86J55 (ISP) (Regulator Disabled)  
PIC18F86J55 (ISP) (Regulator Enabled) PIC18F86J60 (ISP) (Regulator Disabled)  
PIC18F86J60 (ISP) (Regulator Enabled) PIC18F86J65 (ISP) (Regulator Disabled)  
PIC18F86J65 (ISP) (Regulator Enabled) PIC18F86J72 (ISP) (Regulator Disabled)  
PIC18F86J72 (ISP) (Regulator Enabled) PIC18F86J90 (ISP) (Regulator Disabled)  
PIC18F86J90 (ISP) (Regulator Enabled) PIC18F86J93 (ISP) (Regulator Disabled)  
PIC18F86J93 (ISP) (Regulator Enabled) PIC18F8720 (HIGH-VOLTAGE ISP)  
PIC18F8720 (LOW-VOLTAGE ISP) PIC18F8722 (HIGH-VOLTAGE ISP)  
PIC18F8722 (LOW-VOLTAGE ISP) PIC18F87J10 (ISP) (Regulator Disabled)  
PIC18F87J10 (ISP) (Regulator Enabled) PIC18F87J11 (ISP) (Regulator Disabled)  
PIC18F87J11 (ISP) (Regulator Enabled) PIC18F87J50 (ISP) (Regulator Disabled)  
PIC18F87J50 (ISP) (Regulator Enabled) PIC18F87J60 (ISP) (Regulator Disabled)  
PIC18F87J60 (ISP) (Regulator Enabled) PIC18F87J72 (ISP) (Regulator Disabled)  
PIC18F87J72 (ISP) (Regulator Enabled) PIC18F87J90 (ISP) (Regulator Disabled)  
PIC18F87J90 (ISP) (Regulator Enabled) PIC18F87J93 (ISP) (Regulator Disabled)  
PIC18F87J93 (ISP) (Regulator Enabled) PIC18F96J60 (ISP) (Regulator Disabled)  
PIC18F96J60 (ISP) (Regulator Enabled) PIC18F96J65 (ISP) (Regulator Disabled)  
PIC18F96J65 (ISP) (Regulator Enabled) PIC18F97J60 (ISP) (Regulator Disabled)  
PIC18F97J60 (ISP) (Regulator Enabled) PIC18LC242  
PIC18LC252 PIC18LC442  
PIC18LC452 PIC18LC658  
PIC18LC858 PIC18LF1220  
PIC18LF1320 PIC18LF13K22 (HIGH-VOLTAGE ISP)  
PIC18LF13K22 (LOW-VOLTAGE ISP) PIC18LF13K50 (HIGH-VOLTAGE ISP)  
PIC18LF13K50 (LOW-VOLTAGE ISP) PIC18LF14K22 (HIGH-VOLTAGE ISP)  
PIC18LF14K22 (LOW-VOLTAGE ISP) PIC18LF14K50 (HIGH-VOLTAGE ISP)

PIC18LF14K50 (LOW-VOLTAGE ISP)  
PIC18LF2221 (HIGH-VOLTAGE ISP)  
PIC18LF2320  
PIC18LF2321 (LOW-VOLTAGE ISP)  
PIC18LF2331 (LOW-VOLTAGE ISP)  
PIC18LF23K22 (LOW-VOLTAGE ISP)  
PIC18LF2410 (LOW-VOLTAGE ISP)  
PIC18LF242 (LOW-VOLTAGE ISP)  
PIC18LF2420 (LOW-VOLTAGE ISP)  
PIC18LF2431 (LOW-VOLTAGE ISP)  
PIC18LF2439 (LOW-VOLTAGE ISP)  
PIC18LF2450 (LOW-VOLTAGE ISP)  
PIC18LF2455 (LOW-VOLTAGE ISP)  
PIC18LF2458 (LOW-VOLTAGE ISP)  
PIC18LF248 (LOW-VOLTAGE ISP)  
PIC18LF2480 (LOW-VOLTAGE ISP)  
PIC18LF24J11  
PIC18LF24K22 (HIGH-VOLTAGE ISP)  
PIC18LF2510 (HIGH-VOLTAGE ISP)  
PIC18LF2515 (HIGH-VOLTAGE ISP)  
PIC18LF252 (HIGH-VOLTAGE ISP)  
PIC18LF2520 (HIGH-VOLTAGE ISP)  
PIC18LF2525 (HIGH-VOLTAGE ISP)  
PIC18LF2539 (HIGH-VOLTAGE ISP)  
PIC18LF2550 (HIGH-VOLTAGE ISP)  
PIC18LF2553 (HIGH-VOLTAGE ISP)  
PIC18LF258 (HIGH-VOLTAGE ISP)  
PIC18LF2580 (HIGH-VOLTAGE ISP)  
PIC18LF2585 (HIGH-VOLTAGE ISP)  
PIC18LF25J10  
PIC18LF25J50  
PIC18LF25K22 (LOW-VOLTAGE ISP)  
PIC18LF2610 (HIGH-VOLTAGE ISP)  
PIC18LF2620 (HIGH-VOLTAGE ISP)  
PIC18LF2680 (HIGH-VOLTAGE ISP)  
PIC18LF2682 (HIGH-VOLTAGE ISP)  
PIC18LF2685 (HIGH-VOLTAGE ISP)  
PIC18LF26J11  
PIC18LF26J50  
PIC18LF26K22 (HIGH-VOLTAGE ISP)  
PIC18LF26K80  
PIC18LF27J53  
PIC18LF4221 (HIGH-VOLTAGE ISP)  
PIC18LF4320  
PIC18LF4321 (LOW-VOLTAGE ISP)  
PIC18LF4331 (LOW-VOLTAGE ISP)  
PIC18LF43K22 (LOW-VOLTAGE ISP)  
PIC18LF4410 (LOW-VOLTAGE ISP)  
PIC18LF442 (LOW-VOLTAGE ISP)  
PIC18LF4420 (LOW-VOLTAGE ISP)  
PIC18LF4431 (LOW-VOLTAGE ISP)  
PIC18LF4439 (LOW-VOLTAGE ISP)  
PIC18LF4450 (LOW-VOLTAGE ISP)  
PIC18LF4455 (LOW-VOLTAGE ISP)  
PIC18LF4458 (LOW-VOLTAGE ISP)  
PIC18LF2220  
PIC18LF2221 (LOW-VOLTAGE ISP)  
PIC18LF2321 (HIGH-VOLTAGE ISP)  
PIC18LF2331 (HIGH-VOLTAGE ISP)  
PIC18LF23K22 (HIGH-VOLTAGE ISP)  
PIC18LF2410 (HIGH-VOLTAGE ISP)  
PIC18LF242 (HIGH-VOLTAGE ISP)  
PIC18LF2420 (HIGH-VOLTAGE ISP)  
PIC18LF2431 (HIGH-VOLTAGE ISP)  
PIC18LF2439 (HIGH-VOLTAGE ISP)  
PIC18LF2450 (HIGH-VOLTAGE ISP)  
PIC18LF2455 (HIGH-VOLTAGE ISP)  
PIC18LF2458 (HIGH-VOLTAGE ISP)  
PIC18LF248 (HIGH-VOLTAGE ISP)  
PIC18LF2480 (HIGH-VOLTAGE ISP)  
PIC18LF24J10  
PIC18LF24J50  
PIC18LF24K22 (LOW-VOLTAGE ISP)  
PIC18LF2510 (LOW-VOLTAGE ISP)  
PIC18LF2515 (LOW-VOLTAGE ISP)  
PIC18LF252 (LOW-VOLTAGE ISP)  
PIC18LF2520 (LOW-VOLTAGE ISP)  
PIC18LF2525 (LOW-VOLTAGE ISP)  
PIC18LF2539 (LOW-VOLTAGE ISP)  
PIC18LF2550 (LOW-VOLTAGE ISP)  
PIC18LF2553 (LOW-VOLTAGE ISP)  
PIC18LF258 (LOW-VOLTAGE ISP)  
PIC18LF2580 (LOW-VOLTAGE ISP)  
PIC18LF2585 (LOW-VOLTAGE ISP)  
PIC18LF25J11  
PIC18LF25K22 (HIGH-VOLTAGE ISP)  
PIC18LF25K80  
PIC18LF2610 (LOW-VOLTAGE ISP)  
PIC18LF2620 (LOW-VOLTAGE ISP)  
PIC18LF2680 (LOW-VOLTAGE ISP)  
PIC18LF2682 (LOW-VOLTAGE ISP)  
PIC18LF2685 (LOW-VOLTAGE ISP)  
PIC18LF26J13  
PIC18LF26J53  
PIC18LF26K22 (LOW-VOLTAGE ISP)  
PIC18LF27J13  
PIC18LF4220  
PIC18LF4221 (LOW-VOLTAGE ISP)  
PIC18LF4321 (HIGH-VOLTAGE ISP)  
PIC18LF4331 (HIGH-VOLTAGE ISP)  
PIC18LF43K22 (HIGH-VOLTAGE ISP)  
PIC18LF4410 (HIGH-VOLTAGE ISP)  
PIC18LF442 (HIGH-VOLTAGE ISP)  
PIC18LF4420 (HIGH-VOLTAGE ISP)  
PIC18LF4431 (HIGH-VOLTAGE ISP)  
PIC18LF4439 (HIGH-VOLTAGE ISP)  
PIC18LF4450 (HIGH-VOLTAGE ISP)  
PIC18LF4455 (HIGH-VOLTAGE ISP)  
PIC18LF4458 (HIGH-VOLTAGE ISP)



PIC18LF4458 (LOW-VOLTAGE ISP)	PIC18LF448 (HIGH-VOLTAGE ISP)
PIC18LF448 (LOW-VOLTAGE ISP)	PIC18LF4480 (HIGH-VOLTAGE ISP)
PIC18LF4480 (LOW-VOLTAGE ISP)	PIC18LF44J10
PIC18LF44J11	PIC18LF44J50
PIC18LF44K22 (HIGH-VOLTAGE ISP)	PIC18LF44K22 (LOW-VOLTAGE ISP)
PIC18LF4510 (HIGH-VOLTAGE ISP)	PIC18LF4510 (LOW-VOLTAGE ISP)
PIC18LF4515 (HIGH-VOLTAGE ISP)	PIC18LF4515 (LOW-VOLTAGE ISP)
PIC18LF452 (HIGH-VOLTAGE ISP)	PIC18LF452 (LOW-VOLTAGE ISP)
PIC18LF4520 (HIGH-VOLTAGE ISP)	PIC18LF4520 (LOW-VOLTAGE ISP)
PIC18LF4525 (HIGH-VOLTAGE ISP)	PIC18LF4525 (LOW-VOLTAGE ISP)
PIC18LF4539 (HIGH-VOLTAGE ISP)	PIC18LF4539 (LOW-VOLTAGE ISP)
PIC18LF4550 (HIGH-VOLTAGE ISP)	PIC18LF4550 (LOW-VOLTAGE ISP)
PIC18LF4553 (HIGH-VOLTAGE ISP)	PIC18LF4553 (LOW-VOLTAGE ISP)
PIC18LF458 (HIGH-VOLTAGE ISP)	PIC18LF458 (LOW-VOLTAGE ISP)
PIC18LF4580 (HIGH-VOLTAGE ISP)	PIC18LF4580 (LOW-VOLTAGE ISP)
PIC18LF4585 (HIGH-VOLTAGE ISP)	PIC18LF4585 (LOW-VOLTAGE ISP)
PIC18LF45J10	PIC18LF45J11
PIC18LF45J50	PIC18LF45K22 (HIGH-VOLTAGE ISP)
PIC18LF45K22 (LOW-VOLTAGE ISP)	PIC18LF45K80
PIC18LF4610 (HIGH-VOLTAGE ISP)	PIC18LF4610 (LOW-VOLTAGE ISP)
PIC18LF4620 (HIGH-VOLTAGE ISP)	PIC18LF4620 (LOW-VOLTAGE ISP)
PIC18LF4680 (HIGH-VOLTAGE ISP)	PIC18LF4680 (LOW-VOLTAGE ISP)
PIC18LF4682 (HIGH-VOLTAGE ISP)	PIC18LF4682 (LOW-VOLTAGE ISP)
PIC18LF4685 (HIGH-VOLTAGE ISP)	PIC18LF4685 (LOW-VOLTAGE ISP)
PIC18LF46J11	PIC18LF46J13
PIC18LF46J50	PIC18LF46J53
PIC18LF46K22 (HIGH-VOLTAGE ISP)	PIC18LF46K22 (LOW-VOLTAGE ISP)
PIC18LF46K80	PIC18LF47J13
PIC18LF47J53	
PIC18LF63J11 (ISP) (Regulator Disabled)	
PIC18LF63J11 (ISP) (Regulator Enabled)	
PIC18LF63J90 (ISP) (Regulator Disabled)	
PIC18LF63J90 (ISP) (Regulator Enabled)	
PIC18LF64J11 (ISP) (Regulator Disabled)	
PIC18LF64J11 (ISP) (Regulator Enabled)	
PIC18LF64J90 (ISP) (Regulator Disabled)	
PIC18LF64J90 (ISP) (Regulator Enabled)	
PIC18LF6520 (HIGH-VOLTAGE ISP)	PIC18LF6520 (LOW-VOLTAGE ISP)
PIC18LF6525 (HIGH-VOLTAGE ISP)	PIC18LF6525 (LOW-VOLTAGE ISP)
PIC18LF6527 (HIGH-VOLTAGE ISP)	PIC18LF6527 (LOW-VOLTAGE ISP)
PIC18LF6585 (HIGH-VOLTAGE ISP)	PIC18LF6585 (LOW-VOLTAGE ISP)
PIC18LF65J10 (ISP) (Regulator Disabled)	
PIC18LF65J10 (ISP) (Regulator Enabled)	
PIC18LF65J11 (ISP) (Regulator Disabled)	
PIC18LF65J11 (ISP) (Regulator Enabled)	
PIC18LF65J15 (ISP) (Regulator Disabled)	
PIC18LF65J15 (ISP) (Regulator Enabled)	
PIC18LF65J50 (ISP) (Regulator Disabled)	
PIC18LF65J50 (ISP) (Regulator Enabled)	
PIC18LF65J90 (ISP) (Regulator Disabled)	
PIC18LF65J90 (ISP) (Regulator Enabled)	
PIC18LF65K80	PIC18LF6620 (HIGH-VOLTAGE ISP)
PIC18LF6620 (LOW-VOLTAGE ISP)	PIC18LF6621 (HIGH-VOLTAGE ISP)
PIC18LF6621 (LOW-VOLTAGE ISP)	PIC18LF6622 (HIGH-VOLTAGE ISP)

PIC18LF6622 (LOW-VOLTAGE ISP)                      PIC18LF6627 (HIGH-VOLTAGE ISP)  
PIC18LF6627 (LOW-VOLTAGE ISP)                      PIC18LF6680 (HIGH-VOLTAGE ISP)  
PIC18LF6680 (LOW-VOLTAGE ISP)  
PIC18LF66J10 (ISP) (Regulator Disabled)  
PIC18LF66J10 (ISP) (Regulator Enabled)  
PIC18LF66J15 (ISP) (Regulator Disabled)  
PIC18LF66J15 (ISP) (Regulator Enabled)  
PIC18LF66J16 (ISP) (Regulator Disabled)  
PIC18LF66J16 (ISP) (Regulator Enabled)  
PIC18LF66J50 (ISP) (Regulator Disabled)  
PIC18LF66J50 (ISP) (Regulator Enabled)  
PIC18LF66J55 (ISP) (Regulator Disabled)  
PIC18LF66J55 (ISP) (Regulator Enabled)  
PIC18LF66J60 (ISP) (Regulator Disabled)  
PIC18LF66J60 (ISP) (Regulator Enabled)  
PIC18LF66J65 (ISP) (Regulator Disabled)  
PIC18LF66J65 (ISP) (Regulator Enabled)  
PIC18LF66J90 (ISP) (Regulator Disabled)  
PIC18LF66J90 (ISP) (Regulator Enabled)  
PIC18LF66J93 (ISP) (Regulator Disabled)  
PIC18LF66J93 (ISP) (Regulator Enabled)  
PIC18LF66K80    PIC18LF6720 (HIGH-VOLTAGE ISP)  
PIC18LF6720 (LOW-VOLTAGE ISP)                      PIC18LF6722 (HIGH-VOLTAGE ISP)  
PIC18LF6722 (LOW-VOLTAGE ISP)  
PIC18LF67J10 (ISP) (Regulator Disabled)  
PIC18LF67J10 (ISP) (Regulator Enabled)  
PIC18LF67J11 (ISP) (Regulator Disabled)  
PIC18LF67J11 (ISP) (Regulator Enabled)  
PIC18LF67J50 (ISP) (Regulator Disabled)  
PIC18LF67J50 (ISP) (Regulator Enabled)  
PIC18LF67J60 (ISP) (Regulator Disabled)  
PIC18LF67J60 (ISP) (Regulator Enabled)  
PIC18LF67J90 (ISP) (Regulator Disabled)  
PIC18LF67J90 (ISP) (Regulator Enabled)  
PIC18LF67J93 (ISP) (Regulator Disabled)  
PIC18LF67J93 (ISP) (Regulator Enabled)  
PIC18LF83J11 (ISP) (Regulator Disabled)  
PIC18LF83J11 (ISP) (Regulator Enabled)  
PIC18LF83J90 (ISP) (Regulator Disabled)  
PIC18LF83J90 (ISP) (Regulator Enabled)  
PIC18LF84J11 (ISP) (Regulator Disabled)  
PIC18LF84J11 (ISP) (Regulator Enabled)  
PIC18LF84J90 (ISP) (Regulator Disabled)  
PIC18LF84J90 (ISP) (Regulator Enabled)  
PIC18LF8520 (HIGH-VOLTAGE ISP)                      PIC18LF8520 (LOW-VOLTAGE ISP)  
PIC18LF8525 (HIGH-VOLTAGE ISP)                      PIC18LF8525 (LOW-VOLTAGE ISP)  
PIC18LF8527 (HIGH-VOLTAGE ISP)                      PIC18LF8527 (LOW-VOLTAGE ISP)  
PIC18LF8585 (HIGH-VOLTAGE ISP)                      PIC18LF8585 (LOW-VOLTAGE ISP)  
PIC18LF85J10 (ISP) (Regulator Disabled)  
PIC18LF85J10 (ISP) (Regulator Enabled)  
PIC18LF85J11 (ISP) (Regulator Disabled)  
PIC18LF85J11 (ISP) (Regulator Enabled)  
PIC18LF85J15 (ISP) (Regulator Disabled)  
PIC18LF85J15 (ISP) (Regulator Enabled)

PIC18LF85J50 (ISP) (Regulator Disabled)  
PIC18LF85J50 (ISP) (Regulator Enabled)  
PIC18LF85J90 (ISP) (Regulator Disabled)  
PIC18LF85J90 (ISP) (Regulator Enabled)  
PIC18LF8620 (HIGH-VOLTAGE ISP) PIC18LF8620 (LOW-VOLTAGE ISP)  
PIC18LF8621 (HIGH-VOLTAGE ISP) PIC18LF8621 (LOW-VOLTAGE ISP)  
PIC18LF8622 (HIGH-VOLTAGE ISP) PIC18LF8622 (LOW-VOLTAGE ISP)  
PIC18LF8627 (HIGH-VOLTAGE ISP) PIC18LF8627 (LOW-VOLTAGE ISP)  
PIC18LF8680 (HIGH-VOLTAGE ISP) PIC18LF8680 (LOW-VOLTAGE ISP)  
PIC18LF86J10 (ISP) (Regulator Disabled)  
PIC18LF86J10 (ISP) (Regulator Enabled)  
PIC18LF86J11 (ISP) (Regulator Disabled)  
PIC18LF86J11 (ISP) (Regulator Enabled)  
PIC18LF86J15 (ISP) (Regulator Disabled)  
PIC18LF86J15 (ISP) (Regulator Enabled)  
PIC18LF86J16 (ISP) (Regulator Disabled)  
PIC18LF86J16 (ISP) (Regulator Enabled)  
PIC18LF86J50 (ISP) (Regulator Disabled)  
PIC18LF86J50 (ISP) (Regulator Enabled)  
PIC18LF86J55 (ISP) (Regulator Disabled)  
PIC18LF86J55 (ISP) (Regulator Enabled)  
PIC18LF86J60 (ISP) (Regulator Disabled)  
PIC18LF86J60 (ISP) (Regulator Enabled)  
PIC18LF86J65 (ISP) (Regulator Disabled)  
PIC18LF86J65 (ISP) (Regulator Enabled)  
PIC18LF86J72 (ISP) (Regulator Disabled)  
PIC18LF86J72 (ISP) (Regulator Enabled)  
PIC18LF86J90 (ISP) (Regulator Disabled)  
PIC18LF86J90 (ISP) (Regulator Enabled)  
PIC18LF86J93 (ISP) (Regulator Disabled)  
PIC18LF86J93 (ISP) (Regulator Enabled)  
PIC18LF8720 (HIGH-VOLTAGE ISP) PIC18LF8720 (LOW-VOLTAGE ISP)  
PIC18LF8722 (HIGH-VOLTAGE ISP) PIC18LF8722 (LOW-VOLTAGE ISP)  
PIC18LF87J10 (ISP) (Regulator Disabled)  
PIC18LF87J10 (ISP) (Regulator Enabled)  
PIC18LF87J11 (ISP) (Regulator Disabled)  
PIC18LF87J11 (ISP) (Regulator Enabled)  
PIC18LF87J50 (ISP) (Regulator Disabled)  
PIC18LF87J50 (ISP) (Regulator Enabled)  
PIC18LF87J60 (ISP) (Regulator Disabled)  
PIC18LF87J60 (ISP) (Regulator Enabled)  
PIC18LF87J72 (ISP) (Regulator Disabled)  
PIC18LF87J72 (ISP) (Regulator Enabled)  
PIC18LF87J90 (ISP) (Regulator Disabled)  
PIC18LF87J90 (ISP) (Regulator Enabled)  
PIC18LF87J93 (ISP) (Regulator Disabled)  
PIC18LF87J93 (ISP) (Regulator Enabled)  
PIC18LF96J60 (ISP) (Regulator Disabled)  
PIC18LF96J60 (ISP) (Regulator Enabled)  
PIC18LF96J65 (ISP) (Regulator Disabled)  
PIC18LF96J65 (ISP) (Regulator Enabled)  
PIC18LF97J60 (ISP) (Regulator Disabled)  
PIC18LF97J60 (ISP) (Regulator Enabled)  
PIC24EP128GP202 PIC24EP128GP203

PIC24EP128GP204  
PIC24EP128MC202  
PIC24EP128MC204  
PIC24EP256GP202  
PIC24EP256GP204  
PIC24EP256GU810  
PIC24EP256MC202  
PIC24EP256MC204  
PIC24EP32GP202  
PIC24EP32GP204  
PIC24EP32MC203  
PIC24EP512GP202  
PIC24EP512GP206  
PIC24EP512GU810  
PIC24EP512MC202  
PIC24EP512MC206  
PIC24EP64GP203  
PIC24EP64GP206  
PIC24EP64MC203  
PIC24EP64MC206  
PIC24F04KA201  
PIC24F08KA102  
PIC24F16KA102  
PIC24F16KA302  
PIC24F32KA301  
PIC24F32KA304  
PIC24FJ128DA110  
PIC24FJ128DA210  
PIC24FJ128GA008  
PIC24FJ128GA306  
PIC24FJ128GA310  
PIC24FJ128GB210  
PIC24FJ128GC008  
PIC24FJ16GA002  
PIC24FJ256DA106  
PIC24FJ256DA206  
PIC24FJ256GB206  
PIC24FJ32GA002  
PIC24FJ48GA002  
PIC24FJ64GA002  
PIC24FJ64GA006  
PIC24FJ64GA010  
PIC24FJ64GA308  
PIC24FJ64GC006  
PIC24FJ64GC010  
PIC24FJ96GA008  
PIC24FV16KA301  
PIC24FV16KA304  
PIC24FV32KA302  
PIC24HJ128GP202  
PIC24HJ128GP206  
PIC24HJ128GP210  
PIC24HJ128GP306  
PIC24HJ128GP310

PIC24EP128GP206  
PIC24EP128MC203  
PIC24EP128MC206  
PIC24EP256GP203  
PIC24EP256GP206  
PIC24EP256GU814  
PIC24EP256MC203  
PIC24EP256MC206  
PIC24EP32GP203  
PIC24EP32MC202  
PIC24EP32MC204  
PIC24EP512GP204  
PIC24EP512GP806  
PIC24EP512GU814  
PIC24EP512MC204  
PIC24EP64GP202  
PIC24EP64GP204  
PIC24EP64MC202  
PIC24EP64MC204  
PIC24F04KA200  
PIC24F08KA101  
PIC24F16KA101  
PIC24F16KA301  
PIC24F16KA304  
PIC24F32KA302  
PIC24FJ128DA106  
PIC24FJ128DA206  
PIC24FJ128GA006  
PIC24FJ128GA010  
PIC24FJ128GA308  
PIC24FJ128GB206  
PIC24FJ128GC006  
PIC24FJ128GC010  
PIC24FJ16GA004  
PIC24FJ256DA110  
PIC24FJ256DA210  
PIC24FJ256GB210  
PIC24FJ32GA004  
PIC24FJ48GA004  
PIC24FJ64GA004  
PIC24FJ64GA008  
PIC24FJ64GA306  
PIC24FJ64GA310  
PIC24FJ64GC008  
PIC24FJ96GA006  
PIC24FJ96GA010  
PIC24FV16KA302  
PIC24FV32KA301  
PIC24FV32KA304  
PIC24HJ128GP204  
PIC24HJ128GP206A  
PIC24HJ128GP210A  
PIC24HJ128GP306A  
PIC24HJ128GP310A

PIC24HJ128GP502	PIC24HJ128GP504
PIC24HJ128GP506	PIC24HJ128GP506A
PIC24HJ128GP510	PIC24HJ128GP510A
PIC24HJ12GP201	PIC24HJ12GP202
PIC24HJ16GP304	PIC24HJ256GP206
PIC24HJ256GP206A	PIC24HJ256GP210
PIC24HJ256GP210A	PIC24HJ256GP610 (*)
PIC24HJ256GP610A (*)	PIC24HJ32GP202
PIC24HJ32GP204	PIC24HJ32GP302
PIC24HJ32GP304	PIC24HJ64GP202
PIC24HJ64GP204	PIC24HJ64GP206
PIC24HJ64GP206A	PIC24HJ64GP210
PIC24HJ64GP210A	PIC24HJ64GP502
PIC24HJ64GP504	PIC24HJ64GP506
PIC24HJ64GP506A	PIC24HJ64GP510
PIC24HJ64GP510A	PIC30F2010
PIC30F2011	PIC30F2012
PIC30F3010	PIC30F3011
PIC30F3012	PIC30F3013
PIC30F3014	PIC30F4011
PIC30F4012	PIC30F4013
PIC30F5011	PIC30F5013
PIC30F5015	PIC30F5016
PIC30F6010	PIC30F6010A
PIC30F6011	PIC30F6011A
PIC30F6012	PIC30F6012A
PIC30F6013	PIC30F6013A
PIC30F6014	PIC30F6014A
PIC30F6015	PS200
rfPIC12C509AF	rfPIC12C509AG
rfPIC12LC509AF	rfPIC12LC509AG

MICROCHIP (SST)

E (E) PROM/FRAM/NVRAM

SST25LF010	SST25LF010A
SST25LF020	SST25LF020A
SST25LF040	SST25LF040A
SST25LF080	SST25LF080A
SST25VF010	SST25VF010A
SST25VF020	SST25VF040
SST25VF080	SST25VF512
SST25VF512A	SST25WF010
SST25WF020	SST25WF040
SST25WF080	SST25WF512

MICROCHIP-A

MICROCONTROLLER

dsPIC33EP256GP506 (frauscher) (\*)

MICROCHIP-CHANGHUI

MICROCONTROLLER

PIC12F609	PIC12F615
PIC12F617	PIC12HV609
PIC12HV615	PIC16F610
PIC16F616	PIC16F616 (FOUR-WORD PROGRAMMING)
PIC16F690	PIC16F690 (FOUR-WORD PROGRAMMING)
PIC16HV610	PIC16HV616

MICROCHIP-TEST

MICROCONTROLLER

dsPIC33EP256GP506 (frauscher) (*)	dsPIC33EP256MC206 (DIEHL) (*)
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MICRON

E (E) PROM/FRAM/NVRAM

MT25QL512ABB1EW9 (*)	MT25QL512ABB8E12 (*)
MT25QL512ABB8ESF (*)	N25Q128A11B
N25Q128A11B (64-byte OTP)	N25Q128A11E
N25Q128A11E (64-byte OTP)	N25Q128A11T
N25Q128A11T (64-byte OTP)	N25Q128A13B
N25Q128A13B (64-byte OTP)	N25Q128A13E
N25Q128A13E (64-byte OTP)	N25Q128A13ESE40E (*)
N25Q128A13T	N25Q128A13T (64-byte OTP)
N25Q256A13E1240x	N25Q256A13E1240x (64-byte OTP)
N25Q256A13EF840x	N25Q256A13EF840x (64-byte OTP)
N25Q256A13ESF40x	N25Q256A13ESF40x (64-byte OTP)
N25Q512A11G1240E	N25Q512A11G1240F
N25Q512A11GSF40G	N25Q512A13G1240E
N25Q512A13G1240F	N25Q512A13G1241E
N25Q512A13G1241F	N25Q512A13GF840E
N25Q512A13GF840F	N25Q512A13GSF40F
N25Q512A13GSF40G	N25Q512A83G1240E
N25Q512A83G1240F	N25Q512A83G1241E
N25Q512A83G1241F	N25Q512A83GSF40F
N25Q512A83GSF40G	

MICRONAS

MICROCONTROLLER

HVC4223F (*)	HVC4223V (*)
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MIDEA

MICROCONTROLLER

CY8C21345	MB95F108AM (UART) (*)
MB95F108B (UART) (*)	MB95F116MA (UART) (*)
MB95F118B (UART) (*)	MB95F118M (UART) (*)
MB95F128B (UART) (*)	MB95F128MB (UART) (*)
MB95F136MB (UART) (*)	MB95F146 (UART) (*)
MB95F156M (UART) (*)	MB95F166 (UART) (*)
MB95F168MA (UART) (*)	MB95F188J (UART) (*)
MB95F632H (*)	MB95F632K (*)
MB95F633H (*)	MB95F633K (*)
MB95F634H (*)	MB95F634K (*)
MB95F636H (*)	MB95F636K (*)
MB95F818H (*)	MB95F818K (*)
MB9AF112L (SWD) (*)	MB9AF114L (SWD) (*)
MB9AF1A2L (SWD) (*)	MB9AF1A4L (SWD) (*)
R5F100LGAF A (*)	R7F0C011B (UART) (*)
TMP86FH09AMG (57600) (*)	TMP86FH09ANG (57600) (*)
TMP86FH09BMG (57600) (*)	TMP86FH09BNG (57600) (*)
TMP86FH46AMG (57600) (*)	TMP86FH46ANG (57600) (*)
TMP86FH46BMG (57600) (*)	TMP86FH46BNG (57600) (*)
UPD78F0536 (UART) (*)	

MINDMOTION

MICROCONTROLLER

MM32F031C6 (*)	MM32SPIN27PF (*)
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MITSUBISHI

E (E) PROM/FRAM/NVRAM

M6M80011A	M6M80021
M6M80041	

MSHINE

E (E) PROM/FRAM/NVRAM

MS25X10	MS25X20
MS25X40	MS25X512
MS25X80	

MT

MICROCONTROLLER

LPC11U24 (\*)

MY-MS

E (E) PROM/FRAM/NVRAM

MM24C02-3	MM24C04-3
MM24C08-2/3	MM24C16-2/3
MM24C32-2/3	MM24C64-2/3
MM93C46-3	MM93C46-3G
MM93C46-3GR	MM93C56-3
MM93C56-3G	MM93C56-3GR
MM93C66-3	MM93C66-3G
MM93C66-3GR	NM24C01-3

NANSI

E (E) PROM/FRAM/NVRAM

N25S16	N25S32
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NANTRONICS

E (E) PROM/FRAM/NVRAM

N25S32	N25S80
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NEC

MICROCONTROLLER

R5F1006A	R5F1006C
R5F1006D	R5F1006E
R5F1006F	R5F1006G
R5F1006H	R5F1006J
R5F1006K	R5F1006L
R5F1007A	R5F1007C
R5F1007D	R5F1007E
R5F1007F	R5F1007G
R5F1007H	R5F1007J
R5F1007K	R5F1007L
R5F1008A	R5F1008C
R5F1008D	R5F1008E
R5F1008F	R5F1008G
R5F1008H	R5F1008J
R5F1008K	R5F1008L
R5F100AA	R5F100AC
R5F100AD	R5F100AE
R5F100AF	R5F100AG
R5F100AH	R5F100AJ



R5F100AK  
R5F100BA  
R5F100BD  
R5F100BF  
R5F100BH  
R5F100BK  
R5F100CA  
R5F100CD  
R5F100CF  
R5F100CH  
R5F100CK  
R5F100EA  
R5F100ED  
R5F100EF  
R5F100EH  
R5F100EK  
R5F100FA  
R5F100FD  
R5F100FF  
R5F100FH  
R5F100FK  
R5F100GA  
R5F100GD  
R5F100GF  
R5F100GH  
R5F100GK  
R5F100JA  
R5F100JD  
R5F100JF  
R5F100JH  
R5F100JK  
R5F100LA  
R5F100LD  
R5F100LF  
R5F100LH  
R5F100LK  
R5F100MA  
R5F100MD  
R5F100MF  
R5F100MH  
R5F100MK  
R5F100PA  
R5F100PD  
R5F100PF  
R5F100PH  
R5F100PK  
R5F100SA  
R5F100SD  
R5F100SF  
R5F100SH  
R5F100SK  
R5F1016A  
R5F1016D  
R5F1016F

R5F100AL  
R5F100BC  
R5F100BE  
R5F100BG  
R5F100BJ  
R5F100BL  
R5F100CC  
R5F100CE  
R5F100CG  
R5F100CJ  
R5F100CL  
R5F100EC  
R5F100EE  
R5F100EG  
R5F100EJ  
R5F100EL  
R5F100FC  
R5F100FE  
R5F100FG  
R5F100FJ  
R5F100FL  
R5F100GC  
R5F100GE  
R5F100GG  
R5F100GJ  
R5F100GL  
R5F100JC  
R5F100JE  
R5F100JG  
R5F100JJ  
R5F100JL  
R5F100LC  
R5F100LE  
R5F100LG  
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R5F100MC  
R5F100ME  
R5F100MG  
R5F100MJ  
R5F100ML  
R5F100PC  
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R5F100PL  
R5F100SC  
R5F100SE  
R5F100SG  
R5F100SJ  
R5F100SL  
R5F1016C  
R5F1016E  
R5F1016G

R5F1016H  
R5F1016K  
R5F1017A  
R5F1017D  
R5F1017F  
R5F1017H  
R5F1017K  
R5F1018A  
R5F1018D  
R5F1018F  
R5F1018H  
R5F1018K  
R5F101AA  
R5F101AD  
R5F101AF  
R5F101AH  
R5F101AK  
R5F101BA  
R5F101BD  
R5F101BF  
R5F101BH  
R5F101BK  
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R5F101CD  
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R5F101FK  
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R5F101GH  
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R5F101LK  
R5F101MA  
R5F101MD

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R5F1017G  
R5F1017J  
R5F1017L  
R5F1018C  
R5F1018E  
R5F1018G  
R5F1018J  
R5F1018L  
R5F101AC  
R5F101AE  
R5F101AG  
R5F101AJ  
R5F101AL  
R5F101BC  
R5F101BE  
R5F101BG  
R5F101BJ  
R5F101BL  
R5F101CC  
R5F101CE  
R5F101CG  
R5F101CJ  
R5F101CL  
R5F101EC  
R5F101EE  
R5F101EG  
R5F101EJ  
R5F101EL  
R5F101FC  
R5F101FE  
R5F101FG  
R5F101FJ  
R5F101FL  
R5F101GC  
R5F101GE  
R5F101GG  
R5F101GJ  
R5F101GL  
R5F101JC  
R5F101JE  
R5F101JG  
R5F101JJ  
R5F101JL  
R5F101LC  
R5F101LE  
R5F101LG  
R5F101LJ  
R5F101LL  
R5F101MC  
R5F101ME

R5F101MF	R5F101MG
R5F101MH	R5F101MJ
R5F101MK	R5F101ML
R5F101PA	R5F101PC
R5F101PD	R5F101PE
R5F101PF	R5F101PG
R5F101PH	R5F101PJ
R5F101PK	R5F101PL
R5F101SA	R5F101SC
R5F101SD	R5F101SE
R5F101SF	R5F101SG
R5F101SH	R5F101SJ
R5F101SK	R5F101SL
R5F104AA (*)	R5F104AC (*)
R5F104AD (*)	R5F104AE (*)
R5F104AF (*)	R5F104AG (*)
R5F104AH (*)	R5F104AJ (*)
R5F104AK (*)	R5F104AL (*)
R5F104BA (*)	R5F104BC (*)
R5F104BD (*)	R5F104BE (*)
R5F104BF (*)	R5F104BG (*)
R5F104BH (*)	R5F104BJ (*)
R5F104BK (*)	R5F104BL (*)
R5F104CA (*)	R5F104CC (*)
R5F104CD (*)	R5F104CE (*)
R5F104CF (*)	R5F104CG (*)
R5F104CH (*)	R5F104CJ (*)
R5F104CK (*)	R5F104CL (*)
R5F104EA (*)	R5F104EC (*)
R5F104ED (*)	R5F104EE (*)
R5F104EF (*)	R5F104EG (*)
R5F104EH (*)	R5F104EJ (*)
R5F104EK (*)	R5F104EL (*)
R5F104FA (*)	R5F104FC (*)
R5F104FD (*)	R5F104FE (*)
R5F104FF (*)	R5F104FG (*)
R5F104FH (*)	R5F104FJ (*)
R5F104FK (*)	R5F104FL (*)
R5F104GA (*)	R5F104GC (*)
R5F104GD (*)	R5F104GE (*)
R5F104GF (*)	R5F104GG (*)
R5F104GH (*)	R5F104GJ (*)
R5F104GK (*)	R5F104GL (*)
R5F104JA (*)	R5F104JC (*)
R5F104JD (*)	R5F104JE (*)
R5F104JF (*)	R5F104JG (*)
R5F104JH (*)	R5F104JJ (*)
R5F104JK (*)	R5F104JL (*)
R5F104LA (*)	R5F104LC (*)
R5F104LD (*)	R5F104LE (*)
R5F104LF (*)	R5F104LG (*)
R5F104LH (*)	R5F104LJ (*)
R5F104LK (*)	R5F104LL (*)
R5F104MA (*)	R5F104MC (*)

R5F104MD (\*)  
R5F104MF (\*)  
R5F104MH (\*)  
R5F104MK (\*)  
R5F104PA (\*)  
R5F104PD (\*)  
R5F104PF (\*)  
R5F104PH (\*)  
R5F104PK (\*)  
R5F104SA (\*)  
R5F104SD (\*)  
R5F104SF (\*)  
R5F104SH (\*)  
R5F104SK (\*)  
UPD70F0543  
UPD70F0546  
UPD70F3372  
UPD70F3376  
UPD70F3420  
UPD70F3422  
UPD70F3424  
UPD70F3426  
UPD70F3440  
UPD70F3442  
UPD70F3444  
UPD70F3446  
UPD78F0132H  
UPD78F0134H  
UPD78F0138H  
UPD78F0401  
UPD78F0403  
UPD78F0405  
UPD78F0411  
UPD78F0413  
UPD78F0415  
UPD78F0421  
UPD78F0423  
UPD78F0425  
UPD78F0431  
UPD78F0433  
UPD78F0435  
UPD78F0441  
UPD78F0443  
UPD78F0445  
UPD78F0451  
UPD78F0453  
UPD78F0455  
UPD78F0461  
UPD78F0463  
UPD78F0465  
UPD78F0471  
UPD78F0473  
UPD78F0475  
UPD78F0481

R5F104ME (\*)  
R5F104MG (\*)  
R5F104MJ (\*)  
R5F104ML (\*)  
R5F104PC (\*)  
R5F104PE (\*)  
R5F104PG (\*)  
R5F104PJ (\*)  
R5F104PL (\*)  
R5F104SC (\*)  
R5F104SE (\*)  
R5F104SG (\*)  
R5F104SJ (\*)  
R5F104SL (\*)  
UPD70F0545  
UPD70F0547  
UPD70F3374  
UPD70F3378  
UPD70F3421  
UPD70F3423  
UPD70F3425  
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UPD70F3441  
UPD70F3443  
UPD70F3445  
UPD70F3447  
UPD78F0133H  
UPD78F0136H  
UPD78F0400  
UPD78F0402  
UPD78F0404  
UPD78F0410  
UPD78F0412  
UPD78F0414  
UPD78F0420  
UPD78F0422  
UPD78F0424  
UPD78F0430  
UPD78F0432  
UPD78F0434  
UPD78F0440  
UPD78F0442  
UPD78F0444  
UPD78F0450  
UPD78F0452  
UPD78F0454  
UPD78F0460  
UPD78F0462  
UPD78F0464  
UPD78F0470  
UPD78F0472  
UPD78F0474  
UPD78F0480  
UPD78F0482

UPD78F0483	UPD78F0484
UPD78F0485	UPD78F0490
UPD78F0491	UPD78F0492
UPD78F0493	UPD78F0494
UPD78F0495	UPD78F0500 (*)
UPD78F0500 (DIEHL) (*)	UPD78F0500 (UART) (*)
UPD78F0500A (*)	UPD78F0501 (*)
UPD78F0501 (DIEHL) (*)	UPD78F0501 (UART) (*)
UPD78F0501A (*)	UPD78F0502 (*)
UPD78F0502 (DIEHL) (*)	UPD78F0502 (UART) (*)
UPD78F0502A (*)	UPD78F0503 (*)
UPD78F0503 (DIEHL) (*)	UPD78F0503 (UART) (*)
UPD78F0503A (*)	UPD78F0503A@ISP (*)
UPD78F0504 (*)	UPD78F0504 (DIEHL) (*)
UPD78F0504 (UART) (*)	UPD78F0504A (*)
UPD78F0505 (*)	UPD78F0505 (DIEHL) (*)
UPD78F0505 (UART) (*)	UPD78F0505A (*)
UPD78F0506 (*)	UPD78F0506A (*)
UPD78F0507 (*)	UPD78F0507A (*)
UPD78F0510 (*)	UPD78F0510 (DIEHL) (*)
UPD78F0510 (UART) (*)	UPD78F0510A (*)
UPD78F0511 (*)	UPD78F0511 (DIEHL) (*)
UPD78F0511 (UART) (*)	UPD78F0511A (*)
UPD78F0512 (*)	UPD78F0512 (DIEHL) (*)
UPD78F0512 (UART) (*)	UPD78F0512A (*)
UPD78F0513 (*)	UPD78F0513 (DIEHL) (*)
UPD78F0513 (UART) (*)	UPD78F0513A (*)
UPD78F0514 (*)	UPD78F0514 (DIEHL) (*)
UPD78F0514 (UART) (*)	UPD78F0514A (*)
UPD78F0515 (*)	UPD78F0515 (DIEHL) (*)
UPD78F0515 (UART) (*)	UPD78F0515A (*)
UPD78F0516 (*)	UPD78F0516A (*)
UPD78F0517 (*)	UPD78F0517A (*)
UPD78F0520 (DIEHL) (*)	UPD78F0520 (UART) (*)
UPD78F0521 (*)	UPD78F0521 (DIEHL) (*)
UPD78F0521 (UART) (*)	UPD78F0521A (*)
UPD78F0522 (*)	UPD78F0522 (DIEHL) (*)
UPD78F0522 (UART) (*)	UPD78F0522A (*)
UPD78F0523 (*)	UPD78F0523 (DIEHL) (*)
UPD78F0523 (UART) (*)	UPD78F0523A (*)
UPD78F0524 (*)	UPD78F0524 (DIEHL) (*)
UPD78F0524 (UART) (*)	UPD78F0524A (*)
UPD78F0525 (*)	UPD78F0525 (DIEHL) (*)
UPD78F0525 (UART) (*)	UPD78F0525A (*)
UPD78F0526 (*)	UPD78F0526A (*)
UPD78F0527 (*)	UPD78F0527A (*)
UPD78F0530 (*)	UPD78F0530 (DIEHL) (*)
UPD78F0530 (UART) (*)	UPD78F0530A (*)
UPD78F0531 (*)	UPD78F0531 (DIEHL) (*)
UPD78F0531 (UART) (*)	UPD78F0531A (*)
UPD78F0532 (*)	UPD78F0532 (DIEHL) (*)
UPD78F0532 (UART) (*)	UPD78F0532A (*)
UPD78F0533 (*)	UPD78F0533 (DIEHL) (*)
UPD78F0533 (UART) (*)	UPD78F0533A (*)

UPD78F0534 (*)	UPD78F0534 (DIEHL) (*)
UPD78F0534 (UART) (*)	UPD78F0534A (*)
UPD78F0535 (*)	UPD78F0535 (DIEHL) (*)
UPD78F0535 (UART) (*)	UPD78F0535A (*)
UPD78F0536 (*)	UPD78F0536A (*)
UPD78F0537 (*)	UPD78F0537A (*)
UPD78F0540 (*)	UPD78F0540 (DIEHL) (*)
UPD78F0540 (UART) (*)	UPD78F0540A (*)
UPD78F0541 (*)	UPD78F0541 (DIEHL) (*)
UPD78F0541 (UART) (*)	UPD78F0541A (*)
UPD78F0542 (*)	UPD78F0542 (DIEHL) (*)
UPD78F0542 (UART) (*)	UPD78F0542A (*)
UPD78F0543 (*)	UPD78F0543 (DIEHL) (*)
UPD78F0543 (UART) (*)	UPD78F0543A (*)
UPD78F0544 (*)	UPD78F0544 (DIEHL) (*)
UPD78F0544 (UART) (*)	UPD78F0544A (*)
UPD78F0545 (*)	UPD78F0545 (DIEHL) (*)
UPD78F0545 (UART) (*)	UPD78F0545A (*)
UPD78F0546 (*)	UPD78F0546A (*)
UPD78F0547 (*)	UPD78F0547A (*)
UPD78F0550 (*)	UPD78F0550 (DIEHL) (*)
UPD78F0550 (UART) (*)	UPD78F0551 (*)
UPD78F0551 (DIEHL) (*)	UPD78F0551 (UART) (*)
UPD78F0552 (*)	UPD78F0552 (DIEHL) (*)
UPD78F0552 (UART) (*)	UPD78F0553 (*)
UPD78F0553 (DIEHL) (*)	UPD78F0553 (UART) (*)
UPD78F0554 (DIEHL) (*)	UPD78F0554 (UART) (*)
UPD78F0555 (*)	UPD78F0555 (DIEHL) (*)
UPD78F0555 (UART) (*)	UPD78F0556 (*)
UPD78F0557 (*)	UPD78F0558 (*)
UPD78F0560 (*)	UPD78F0560 (DIEHL) (*)
UPD78F0560 (UART) (*)	UPD78F0561 (*)
UPD78F0561 (DIEHL) (*)	UPD78F0561 (UART) (*)
UPD78F0562 (*)	UPD78F0562 (DIEHL) (*)
UPD78F0562 (UART) (*)	UPD78F0563 (*)
UPD78F0563 (DIEHL) (*)	UPD78F0563 (UART) (*)
UPD78F0564 (DIEHL) (*)	UPD78F0564 (UART) (*)
UPD78F0565 (*)	UPD78F0565 (DIEHL) (*)
UPD78F0565 (UART) (*)	UPD78F0566 (*)
UPD78F0567 (*)	UPD78F0568 (*)
UPD78F0570 (*)	UPD78F0570 (DIEHL) (*)
UPD78F0570 (UART) (*)	UPD78F0571 (*)
UPD78F0571 (DIEHL) (*)	UPD78F0571 (UART) (*)
UPD78F0572 (*)	UPD78F0572 (DIEHL) (*)
UPD78F0572 (UART) (*)	UPD78F0573 (*)
UPD78F0573 (DIEHL) (*)	UPD78F0573 (UART) (*)
UPD78F0574 (DIEHL) (*)	UPD78F0574 (UART) (*)
UPD78F0575 (*)	UPD78F0575 (DIEHL) (*)
UPD78F0575 (UART) (*)	UPD78F0576 (*)
UPD78F0577 (*)	UPD78F0578 (*)
UPD78F0580 (*)	UPD78F0580 (DIEHL) (*)
UPD78F0580 (UART) (*)	UPD78F0581 (*)
UPD78F0581 (DIEHL) (*)	UPD78F0581 (UART) (*)
UPD78F0582 (*)	UPD78F0582 (DIEHL) (*)

UPD78F0582 (UART) (*)	UPD78F0583 (*)
UPD78F0583 (DIEHL) (*)	UPD78F0583 (UART) (*)
UPD78F0584 (DIEHL) (*)	UPD78F0584 (UART) (*)
UPD78F0585 (*)	UPD78F0585 (DIEHL) (*)
UPD78F0585 (UART) (*)	UPD78F0586 (*)
UPD78F0587 (*)	UPD78F0588 (*)
UPD78F0590 (DIEHL) (*)	UPD78F0590 (UART) (*)
UPD78F0591 (DIEHL) (*)	UPD78F0591 (UART) (*)
UPD78F0592 (DIEHL) (*)	UPD78F0592 (UART) (*)
UPD78F0593 (DIEHL) (*)	UPD78F0593 (UART) (*)
UPD78F0594 (DIEHL) (*)	UPD78F0594 (UART) (*)
UPD78F0595 (DIEHL) (*)	UPD78F0595 (UART) (*)
UPD78F0740	UPD78F0741
UPD78F0742	UPD78F0743
UPD78F0744	UPD78F0745
UPD78F0746	UPD78F0750
UPD78F0751	UPD78F0752
UPD78F0753	UPD78F0754
UPD78F0755	UPD78F0756
UPD78F0851	UPD78F0851A
UPD78F0852	UPD78F0852A
uPD78F1141AGA	uPD78F1141AGB
uPD78F1141AGK	uPD78F1141GA
uPD78F1141GB	uPD78F1141GK
uPD78F1142AGA	uPD78F1142AGB
uPD78F1142AGK	uPD78F1142GA
uPD78F1142GB	uPD78F1142GK
uPD78F1143AGA	uPD78F1143AGB
uPD78F1143AGK	uPD78F1143GA
uPD78F1143GB	uPD78F1143GK
uPD78F1144AGA (*)	uPD78F1144AGB (*)
uPD78F1144AGK (*)	uPD78F1144GA (*)
uPD78F1144GB (*)	uPD78F1144GK (*)
uPD78F1145AGA	uPD78F1145AGB
uPD78F1145AGK	uPD78F1145GA
uPD78F1145GB	uPD78F1145GK
uPD78F1146AGA	uPD78F1146AGB
uPD78F1146AGK	uPD78F1146GA
uPD78F1146GB	uPD78F1146GK
uPD78F1152AGC	uPD78F1152AGK
uPD78F1152GC	uPD78F1152GK
uPD78F1153AGC	uPD78F1153AGK
uPD78F1153GC	uPD78F1153GK
uPD78F1154AGC	uPD78F1154AGK
uPD78F1154GC	uPD78F1154GK
uPD78F1155AGC	uPD78F1155AGK
uPD78F1155GC	uPD78F1155GK
uPD78F1156AGC	uPD78F1156AGK
uPD78F1156GC	uPD78F1156GK
uPD78F1162AGC	uPD78F1162AGF
uPD78F1162GC	uPD78F1162GF
uPD78F1163AGC	uPD78F1163AGF
uPD78F1163GC	uPD78F1163GF
uPD78F1164AGC	uPD78F1164AGF

uPD78F1164GC  
uPD78F1165AGC  
uPD78F1165GC  
uPD78F1166AGC  
uPD78F1166GC  
uPD78F1167AGC  
uPD78F1167GC  
uPD78F1168AGC  
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UPD78F2474

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uPD78F1168AGF  
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uPD79F9204MC  
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uPD79F9211MC  
uPD79F9213GB  
uPD79F9214GA  
uPD79F9214MC  
uPD79F9215GB  
uPD79F9221GB  
uPD79F9224GB  
uPD79F9231GB  
uPD79F9233GB  
uPD79F9234GB  
uPD79F9235GB

UPD78F2481  
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UPD78F2588  
uPD79F9203MC  
uPD79F9205MC  
uPD79F9211GB  
uPD79F9213GA  
uPD79F9213MC  
uPD79F9214GB  
uPD79F9215GA  
uPD79F9215MC  
uPD79F9223GB  
uPD79F9225GB  
uPD79F9231GK  
uPD79F9233GK  
uPD79F9234GK  
uPD79F9235GK

NEXFLASH

E (E) PROM/FRAM/NVRAM

NX25B40 (Bottom Boot)  
NX25P10  
NX25P20  
NX25P40  
NX25P80

NX25B40 (Top Boot)  
NX25P16  
NX25P32  
NX25P64

NIK MICROELECTR.

E (E) PROM/FRAM/NVRAM

24LC02

NORDIC

MICROCONTROLLER

NRF24LE1	NRF24LE1D
NRF24LE1E	NRF24LE1F
NRF24LE1-F16	NRF24LE1G
NRF24LE1H	NRF24LE1I
NRF24LE1-O17	nRF51822-CDAB (*)
nRF51822-CEAA (*)	nRF51822-CFAC (*)
nRF51822-QFAA (*)	nRF51822-QFAB (*)
nRF51822-QFAC (*)	

NSC

E (E) PROM/FRAM/NVRAM

NM24C02	NM24C02L
NM24C03	NM24C04
NM24C05	NM24C08
NM24C09	NM24C16
NM24C17	NM93C06 (08bit)
NM93C06 (16bit)	NM93C46
NM93C46A (08bit)	NM93C46A (16bit)
NM93C46AL (08bit)	NM93C46AL (16bit)
NM93C46ALZ (08bit)	NM93C46ALZ (16bit)
NM93C46L	NM93C46LZ
NM93C56	NM93C56A (08bit)
NM93C56A (16bit)	NM93C56AL (08bit)
NM93C56AL (16bit)	NM93C56ALZ (08bit)
NM93C56ALZ (16bit)	NM93C56L
NM93C56LZ	NM93C66
NM93C66A	NM93C66A (08bit)
NM93C66AL (08bit)	NM93C66AL (16bit)
NM93C66ALZ (08bit)	NM93C66ALZ (16bit)
NM93C66L	NM93C66LZ
NM93C86 (16bit)	NM93C86A
NM93C86A (08bit)	NM93C86AL (08bit)
NM93C86AL (16bit)	NM93C86ALZ (08bit)
NM93C86ALZ (16bit)	NM93C86L
NM93C86LZ	NM93CS06
NM93CS46	NM93CS56
NM93CS66	NMC9306
NMC9307	NMC9346
NMC93C56	NMC93C66
NMC93C86A	NMC93CS46
NMC93CS56	NMC93S06

NUMONYX

E (E) PROM/FRAM/NVRAM

M25P10-A	M25P20
M25P40	M25P80
M25PX16	M25PX32
M25PX64	M25PX80
N25Q032	N25Q064
N25Q128A11B	N25Q128A11B (64-byte OTP)
N25Q128A11E	N25Q128A11E (64-byte OTP)
N25Q128A11T	N25Q128A11T (64-byte OTP)
N25Q128A13B	N25Q128A13B (64-byte OTP)
N25Q128A13E	N25Q128A13E (64-byte OTP)
N25Q128A13T	N25Q128A13T (64-byte OTP)
N25Q256A13E1240x	N25Q256A13E1240x (64-byte OTP)
N25Q256A13EF840x	N25Q256A13EF840x (64-byte OTP)
N25Q256A13ESF40x	N25Q256A13ESF40x (64-byte OTP)
N25Q512A11G1240E	N25Q512A11G1240F
N25Q512A11GSF40G	N25Q512A13G1240E
N25Q512A13G1240F	N25Q512A13G1241E
N25Q512A13G1241F	N25Q512A13GF840E
N25Q512A13GF840F	N25Q512A13GSF40F
N25Q512A13GSF40G	N25Q512A83G1240E
N25Q512A83G1240F	N25Q512A83G1241E
N25Q512A83G1241F	N25Q512A83GSF40F
N25Q512A83GSF40G	

NUOKEL

MICROCONTROLLER

MB95F564K (*)	MB96F613 (*)
R5F10BGDL (*)	R5F10BGEK (*)
R5F10BGGL (*)	

NXP

MICROCONTROLLER

D1AB0700 (*)	D1ABrrff (*)
D1AC0700 (*)	D1ACrrff (*)
D1AE0700 (*)	D1AErrff (*)
FS32K144 (*)	LPC1114
LPC1517 (*)	LPC2103
LPC2132	LPC2141
LPC2142	LPC2144
LPC2146	LPC2148
LPC2366 (jtag) (*)	LPC2468
LPC2478	M1AB0700 (*)
M1ABrrff (*)	M1AC0700 (*)
M1ACrrff (*)	M1AE0700 (*)
M1AErrff (*)	P89LPC9102FTK
P89LPC9103FTK	P89LPC9107FDH

P89LPC9107FN  
P89LPC9351FDH (\*)  
P89LPC935FDH (\*)  
P89LPC9361FDH (\*)  
P89LPC936FDH (\*)  
PCF7922ATTD1AC (\*)  
PCF7953AC1500 (\*)  
PCF7961ATTM1AC (\*)  
PCF7961XTTM1AE (\*)

P89LPC9351FA (\*)  
P89LPC935FA (\*)  
P89LPC9361FA (\*)  
P89LPC936FA (\*)  
PCF7922ATTD1AB (\*)  
PCF7922ATTD1AE (\*)  
PCF7961ATTM1AB (\*)  
PCF7961ATTM1AE (\*)

OKI

E (E) PROM/FRAM/NVRAM

MSM16812 (08bit)

ON

E (E) PROM/FRAM/NVRAM

CAT13001 (08bit)  
CAT13004 (08bit)  
CAT13008 (08bit)  
CAT13016 (08bit)  
CAT1320  
CAT14002  
CAT14008  
CAT1640  
CAT24AA01  
CAT24AA04  
CAT24AA16  
CAT93C46R (08bit)

CAT13001 (16bit)  
CAT13004 (16bit)  
CAT13008 (16bit)  
CAT13016 (16bit)  
CAT1321  
CAT14004  
CAT14016  
CAT1641  
CAT24AA02  
CAT24AA08  
CAT34TS02  
CAT93C46R (16bit)

ON SEMICONDUCTOR

E (E) PROM/FRAM/NVRAM

CAT15002  
CAT15008

CAT15004  
CAT15016

PANASONIC

E (E) PROM/FRAM/NVRAM

TNP4G493

PANDA

E (E) PROM/FRAM/NVRAM

BH25D80 (\*)  
GT24C32 (\*)  
MX25L8006E (\*)

BL25D80 (\*)  
GT24C32A (\*)  
PN25F16B (\*)

MICROCONTROLLER

BM81110 (\*)  
G1621 (\*)  
G5567S (\*)  
IML7248 (\*)  
IML8996C (\*)  
NT50169 (\*)  
NT50362 (\*)  
RT6914 (\*)

DAZ26010 (\*)  
G1632 (\*)  
IML7228 (\*)  
IML7991 (\*)  
NT50115 (\*)  
NT50330 (\*)  
RT6735 (\*)  
RT6947 (\*)

PCT

E (E) PROM/FRAM/NVRAM

PCT25LF010  
PCT25LF016A  
PCT25LF020  
PCT25LF040  
PCT25LF080  
PCT25VF010  
PCT25VF016B  
PCT25VF020B  
PCT25VF040  
PCT25VF080  
PCT25VF512  
PCT25WF010  
PCT25WF040  
PCT25WF512

PCT25LF010A  
PCT25LF016B  
PCT25LF020A  
PCT25LF040A  
PCT25LF080A  
PCT25VF010A  
PCT25VF020  
PCT25VF032B  
PCT25VF040B  
PCT25VF080B  
PCT25VF512A  
PCT25WF020  
PCT25WF080

PHILIPS

MICROCONTROLLER

P89LPC9102FTK  
P89LPC9107FDH  
P89LPC9351FA (\*)  
P89LPC935FA (\*)  
P89LPC9361FA (\*)  
P89LPC936FA (\*)

P89LPC9103FTK  
P89LPC9107FN  
P89LPC9351FDH (\*)  
P89LPC935FDH (\*)  
P89LPC9361FDH (\*)  
P89LPC936FDH (\*)

PJ

E (E) PROM/FRAM/NVRAM

PJ24C02

PMC

E (E) PROM/FRAM/NVRAM

PM24C64	PM25LQ032
PM25LQ040	PM25LV010
PM25LV010A	PM25LV020
PM25LV040	PM25LV512
PM25LV512A	

PORTEK

E (E) PROM/FRAM/NVRAM

PKT24A08T	PTK24A02T
PTK24A04T	PTK24A16T
PTK24A32T	PTK24A64T
PTK93LC46 (08bit)	PTK93LC46 (16bit)
PTK93LC56 (08bit)	PTK93LC56 (16bit)
PTK93LC66 (08bit)	PTK93LC66 (16bit)

PSS

E (E) PROM/FRAM/NVRAM

PS24C256

QDGK

MICROCONTROLLER

R7F0C003M2DFB (*)	R7F0C004M2DFB (*)
UPD78F0526 (9.8304) (*)	UPD78F0526 (UART) (*)
UPD78F0526A (9.8304) (*)	UPD78F0526A (UART) (*)
UPD78F0527 (9.8304) (*)	UPD78F0527 (UART) (*)
UPD78F0527A (9.8304) (*)	UPD78F0527A (UART) (*)

RAMTRON

E (E) PROM/FRAM/NVRAM

FM24164	FM24C04
FM24C04A	FM24C16
FM24C16A	FM24C256
FM24C512	FM24C64
FM24C64B	FM24C64C
FM24CL04	FM24CL16
FM24CL64	FM24CL64B

FM24V10  
FM25040  
FM25160  
FM25C160  
FM25CL64  
FM25E64  
FM25L04B  
FM25L256  
FM25L512  
FM25P16  
FM25V02  
FM25V10  
FM25W256  
FM3104  
FM31256

FM24W256  
FM25040B  
FM25640  
FM25CL04  
FM25CL64B  
FM25H20  
FM25L16  
FM25L256B  
FM25LX64  
FM25V01  
FM25V05  
FM25V20  
FM30C256  
FM3116  
FM3164

RATO

E (E) PROM/FRAM/NVRAM

RT24A02  
RT24A08  
RT93C46B (16bit)  
RT93LC46 (16bit)

RT24A04  
RT24A16  
RT93LC46 (08bit)

RAYDIUM

E (E) PROM/FRAM/NVRAM

RM24C02  
RM24C08  
RM24C16  
RM24C64

RM24C04  
RM24C128  
RM24C32

RENESAS

E (E) PROM/FRAM/NVRAM

HN58V24256  
HN58W241000  
HN58X2404  
HN58X24128  
HN58X24256  
HN58X24512  
HN58X2502  
HN58X25128  
HN58X2532  
R1EX24002A  
R1EX24008A  
R1EX24032A  
R1EX24128A

HN58V24512  
HN58X2402  
HN58X2408  
HN58X2416  
HN58X2432  
HN58X2464  
HN58X2504  
HN58X25256  
HN58X2564  
R1EX24004A  
R1EX24016A  
R1EX24064A  
R1EX24256A

R1EX24512A

MICROCONTROLLER

HD64F2168	HD64F36077GFZ
HD64F36077GFZW	HD64F36077GH
HD64F36077GHW	M30620FCPPF
M30620FCPGP	M30622F8PPF
M30622F8PGP	M30624FGPPF
M30624FGPGP	M30625FGPGP
M30626FHPFP	M30626FHPGP
M30626FJPPF	M30626FJPGP
M30627FHPGP	M30627FJPGP
M3062AFCTFP	M3062AFCTGP
M3062AFCVFP	M3062AFCVGP
M3062CF8TFP	M3062CF8TGP
M3062JFHTFP	M3062JFHTGP
M3062JFHVFP	M3062JFHVGP
M3062LFGPPF	M3062LFGPGP
M3NN00FETGP	R4F20102
R4F20103	R4F20114
R4F20115	R4F20202
R4F20203	R4F20214
R4F20215	R4F20222
R4F20223	R4F20234
R4F20235	R5F1006A
R5F1006C	R5F1006D
R5F1006E	R5F1006F
R5F1006G	R5F1006H
R5F1006J	R5F1006K
R5F1006L	R5F1007A
R5F1007C	R5F1007D
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R5F100BL	R5F100CA
R5F100CC	R5F100CD
R5F100CE	R5F100CF
R5F100CG	R5F100CH



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R5F21276DFP  
R5F21276KFP  
R5F21276SDFP  
R5F21276SKFP  
R5F21282DSP  
R5F21282KSP  
R5F21282SDSP  
R5F21282SKSP  
R5F21284DSP  
R5F21284KSP  
R5F21284SDSP  
R5F21284SKSP  
R5F21292DSP  
R5F21292KSP  
R5F21292SDSP  
R5F21292SKSP  
R5F21294DSP  
R5F21294KSP  
R5F21294SDSP  
R5F21294SKSP  
R5F212A7SDFA  
R5F212A7SNFA  
R5F212A8SDFA  
R5F212A8SNFA  
R5F212AASDFA  
R5F212AASNFA  
R5F212ACSDFA  
R5F212ACSNFA  
R5F212B7SDFA  
R5F212B7SNFA  
R5F212B8SDFA  
R5F212B8SNFA  
R5F212BASDFA  
R5F212BASNFA  
R5F212BCSDFA  
R5F212BCSNFA  
R5F212C7SDFP  
R5F212C8SDFP  
R5F212CASDFP  
R5F212CCSDFP  
R5F212D7SDFP  
R5F212D8SDFP  
R5F212DASDFP  
R5F212DCSDFP  
R5F212G4SDFP  
R5F212G5SDFP  
R5F212G6SDFP  
R5F212H1SDSP  
R5F212H2SDSP  
R5F212J0SDSP  
R5F212J1SDSP  
R5F212K2SDFP  
R5F212K4SDFP  
R5F212L2SDFP

R5F212L2SNFP  
R5F212L4SNFP  
R5F21331ANFP (\*)  
R5F21331CNFP (\*)  
R5F21331DNFP (\*)  
R5F21331MNFP (\*)  
R5F21331TDFP (\*)  
R5F21332ADFP (\*)  
R5F21332CDFP (\*)  
R5F21332DDFP (\*)  
R5F21332MDFP (\*)  
R5F21332MYFP (\*)  
R5F21332TNFP (\*)  
R5F21334ANFP (\*)  
R5F21334CNFP (\*)  
R5F21334DNFP (\*)  
R5F21334MNFP (\*)  
R5F21334TDFP (\*)  
R5F21335ADFP (\*)  
R5F21335CDFP (\*)  
R5F21335DDFP (\*)  
R5F21335MDFP (\*)  
R5F21335MYFP (\*)  
R5F21335TNFP (\*)  
R5F21354ANFP  
R5F21354BNFP  
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R5F21355BNFP  
R5F21355CNFP  
R5F21356ANFP  
R5F21356BNFP  
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R5F21357BNFP  
R5F21357CNFP  
R5F21358ANFP  
R5F21358BNFP  
R5F21358CNFP  
R5F2135AANFP  
R5F2135ABNFP  
R5F2135ACNFP  
R5F2135CANFP  
R5F2135CBNFP  
R5F2135CCNFP  
R5F213G1DNSP  
R5F213G2DNSP  
R5F213G4DNSP  
R5F213G5DNSP  
R5F213G6DNSP  
R5F2L357ANFP  
R5F2L357BNFP  
R5F2L357CNFP  
R5F2L358ANFP

R5F212L4SDFP  
R5F21331ADFP (\*)  
R5F21331CDFP (\*)  
R5F21331DDFP (\*)  
R5F21331MDFP (\*)  
R5F21331MYFP (\*)  
R5F21331TNFP (\*)  
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R5F21332CNFP (\*)  
R5F21332DNFP (\*)  
R5F21332MNFP (\*)  
R5F21332TDFP (\*)  
R5F21334ADFP (\*)  
R5F21334CDFP (\*)  
R5F21334DDFP (\*)  
R5F21334MDFP (\*)  
R5F21334MYFP (\*)  
R5F21334TNFP (\*)  
R5F21335ANFP (\*)  
R5F21335CNFP (\*)  
R5F21335DNFP (\*)  
R5F21335MNFP (\*)  
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R5F21355BDFP  
R5F21355CDFP  
R5F21356ADFP  
R5F21356BDFP  
R5F21356CDFP  
R5F21357ADFP  
R5F21357BDFP  
R5F21357CDFP  
R5F21358ADFP  
R5F21358BDFP  
R5F21358CDFP  
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R5F2135ACDFP  
R5F2135CADFP  
R5F2135CBDFP  
R5F2135CCDFP  
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R5F213G4DDSP  
R5F213G5DDSP  
R5F213G6DDSP  
R5F2L357ADFP  
R5F2L357BDFP  
R5F2L357CDFP  
R5F2L358ADFP  
R5F2L358BDFP





R5F2L38CCDFP  
R5F2L38CCNFP  
R5F2L3A7ADFP  
R5F2L3A7ANFP  
R5F2L3A7BDFP  
R5F2L3A7BNFP  
R5F2L3A7CDFP  
R5F2L3A7CNFP  
R5F2L3A8ADFP  
R5F2L3A8ANFP  
R5F2L3A8BDFP  
R5F2L3A8BNFP  
R5F2L3A8CDFP  
R5F2L3A8CNFP  
R5F2L3AAADFP  
R5F2L3AAANFP  
R5F2L3AABDFP  
R5F2L3AABNFP  
R5F2L3AACDFP  
R5F2L3AACNFP  
R5F2L3ACADFP  
R5F2L3ACANFP  
R5F2L3ACBDFP  
R5F2L3ACBNFP  
R5F2L3ACCDFP  
R5F2L3ACCNFP  
R5F2M110ADSP  
R5F2M110ANSP  
R5F2M111ADSP  
R5F2M111ANSP  
R5F2M112ADSP  
R5F2M112ANSP  
R5F2M120ADSP  
R5F2M120ANSP  
R5F2M121ADSP  
R5F2M121ANSP  
R5F2M122ADSP  
R5F2M122ANSP  
R5F35MAE (\*)  
R5F51116ADFM (\*)  
R5F52106CDFP (\*)  
R5F52108CDFP (\*)  
R5F52306 (\*)  
R5F52316 (\*)  
R5F52318 (\*)  
R5F71240AN50  
R5F71241AN50  
R5F71242N50  
R5F71243N50  
R5F71250AN50  
R5F71251AN50  
R5F71252N50  
R5F71253N50  
R5F71491

R5F2L38CCNFA  
R5F2L3A7ADFA  
R5F2L3A7ANFA  
R5F2L3A7BDFFA  
R5F2L3A7BNFA  
R5F2L3A7CDFFA  
R5F2L3A7CNFA  
R5F2L3A8ADFA  
R5F2L3A8ANFA  
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R5F2L3A8BNFA  
R5F2L3A8CDFFA  
R5F2L3A8CNFA  
R5F2L3AAADFA  
R5F2L3AAANFA  
R5F2L3AABDFFA  
R5F2L3AABNFA  
R5F2L3AACDFFA  
R5F2L3AACNFA  
R5F2L3ACADFA  
R5F2L3ACANFA  
R5F2L3ACBDFFA  
R5F2L3ACBNFA  
R5F2L3ACCDFFA  
R5F2L3ACCNFA  
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R5F2M112ADDD  
R5F2M112ANDD  
R5F2M120ADDD  
R5F2M120ANDD  
R5F2M121ADDD  
R5F2M121ANDD  
R5F2M122ADDD  
R5F2M122ANDD  
R5F35623DFE (\*)  
R5F51115ADFM (\*)  
R5F51118ADFM (\*)  
R5F52107CDFP (\*)  
R5F52305 (\*)  
R5F52315 (\*)  
R5F52317 (\*)  
R5F71240AD50  
R5F71241AD50  
R5F71242D50  
R5F71243D50  
R5F71250AD50  
R5F71251AD50  
R5F71252D50  
R5F71253D50  
R5F71464  
R5F71494

R5F72167  
uPD78F1141AGB  
uPD78F1141GA  
uPD78F1141GK  
uPD78F1142AGB  
uPD78F1142GA  
uPD78F1142GK  
uPD78F1143AGB  
uPD78F1143GA  
uPD78F1143GK  
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uPD78F1144GA (\*)  
uPD78F1144GK (\*)  
uPD78F1145AGB  
uPD78F1145GA  
uPD78F1145GK  
uPD78F1146AGB  
uPD78F1146GA  
uPD78F1146GK  
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uPD78F1168AGF  
uPD78F1168GF

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uPD78F1145AGA  
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uPD78F1153AGC  
uPD78F1153GC  
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uPD78F1164AGC  
uPD78F1164GC  
uPD78F1165AGC  
uPD78F1165GC  
uPD78F1166AGC  
uPD78F1166GC  
uPD78F1167AGC  
uPD78F1167GC  
uPD78F1168AGC  
uPD78F1168GC

RICHTEK

MICROCONTROLLER

CM601 (FOXCONN)

ROBERTSHAW

MICROCONTROLLER

CY8C4025AXI-S412 (\*)  
CY8C4146AZI-S423 (\*)

CY8C4126AZI-S433 (\*)

ROBERTSHWA

MICROCONTROLLER

CY8C4045AZI-S413 (\*)

R5F100FCAFP (\*)

ROHM

E (E) PROM/FRAM/NVRAM

BR24A01A	BR24A02
BR24A04	BR24A08
BR24A16	BR24A32
BR24A64	BR24C01A
BR24C02	BR24C04
BR24C08	BR24C16
BR24C21	BR24C32
BR24C64	BR24E16
BR24G01	BR24G02
BR24G04	BR24G08
BR24G128	BR24G16
BR24G256	BR24G32
BR24G64	BR24L01A
BR24L02	BR24L04
BR24L08	BR24L16
BR24L32	BR24L64
BR24S08	BR24S128
BR24S16	BR24S256
BR24S32	BR24S64
BR24T01	BR24T02
BR24T04	BR24T08
BR24T128	BR24T16
BR24T1M	BR24T1MF
BR24T256	BR24T32
BR24T64	BR25H010
BR25H020	BR25H040
BR25H080	BR25H160
BR25H320	BR25H640
BR25L010	BR25L020
BR25L040	BR25L080
BR25L160	BR25L320
BR25L640	BR34C02A
BR9010	BR9016
BR9016A	BR9020
BR9040	BR9080
BR9080A	BR93A46
BR93A56	BR93A66

BR93A76  
BR93C46  
BR93C66  
BR93H56R  
BR93H76R  
BR93L46  
BR93L66  
BR93LC56  
BR93LL46  
BRCA016GWZ-W  
BU9844GUL-W  
BU9880GUL-W  
BU9890GUL-W  
BU99901GUZ-W

BR93A86  
BR93C56  
BR93H46R  
BR93H66R  
BR93H86R  
BR93L56  
BR93LC46  
BR93LC66  
BR9877FV  
BU9833GUL-W  
BU9847GUL-W  
BU9889GUL-W  
BU9897GUL-W

SAIFUN

E (E) PROM/FRAM/NVRAM

SA24C1024  
SA25C020  
SA25C080  
SA25C1024L  
SA25C512L  
SA25F010  
SA25F040  
SA25F160

SA24C512  
SA25C040  
SA25C1024H  
SA25C512H  
SA25F005  
SA25F020  
SA25F080

SAMSUNG

E (E) PROM/FRAM/NVRAM

KM93C06 (08bit)  
KM93C07 (08bit)  
KM93C46  
KM93C56  
KM93C66  
KS24C010  
KS24C020  
KS24C040  
KS24C080  
S524A40X10  
S524A40X20  
S524A40X40  
S524A60X51  
S524AB0X91  
S524AD0XD1  
S524C20D11  
S524C80D41  
S524L50X51  
S524LB0XB1

KM93C06 (16bit)  
KM93C07 (16bit)  
KM93C47  
KM93C57  
KM93C67  
KS24C011  
KS24C021  
KS24C041  
KS24C081  
S524A40X11  
S524A40X21  
S524A40X41  
S524A60X81  
S524AB0XB1  
S524AD0XF1  
S524C20D21  
S524C80D81  
S524LB0X91

MICROCONTROLLER

S3F8274 (*)	S3F8275 (*)
S3F8285 (*)	S3F84I8 (*)
S3F84I9 (*)	S3F84K4 (*)
S3F84NB (*)	S3F84P4 (*)
S3F84U8 (*)	S3F84UA (*)
S3F84VB (*)	S3F8S45 (*)
S3F8S7B (*)	S3F9444 (*)
S3F9454 (*)	S3F9488 (*)
S3F9498 (*)	S3F94A5 (*)
S3F94C4 (*)	S3F94C8 (*)

SANYO

E (E) PROM/FRAM/NVRAM

LE24C041	LE24C042
LE24C081	LE24C082
LE24C161	LE24C162
LE24C322	LE24CB642
LE24L322	LE25FU106B
LE25FU406B	LE25FW056
LE25FW106	LE25FW1606
LE25FW203A	LE25FW206
LE25FW406	LE25FW406B
LE25FW806	LE26CW006

SEIKO

E (E) PROM/FRAM/NVRAM

S-24C01A	S-24C01B
S-24C02A	S-24C02B
S-24C04A	S-24C04B
S-24C08A	S-24C128C
S-24C16A	S-24C256C
S-24C32C	S-24C64C
S-24CM01C	S-24CS01A
S-24CS02A	S-24CS04A
S-24CS08A	S-24CS16A
S-24CS64A	S-24H30
S-24H45	S-24S30
S-24S45	S-25A010A
S-25A020A	S-25A040A
S-25A080A	S-25A160A
S-25A320A	S-25A640A
S-25C010A	S-25C020A
S-25C040A	S-25C080A
S-25C160A	S-25C320A
S-25C640A	S-29130A
S-29131A	S-29190A

S-29191A	S-29194A
S-29220A	S-29221A
S-29230A	S-29231A
S-29290A	S-29291A
S-29294A	S-29330A
S-29331A	S-29390A
S-29391A	S-29394A
S-29430A	S-29530A
S-29630A	S-29L130A
S-29L131A	S-29L194A
S-29L220A	S-29L221A
S-29L294A	S-29L330A
S-29L331A	S-29L394A
S-29U130A	S-29U131A
S-29U194A	S-29U220A
S-29U221A	S-29U294A
S-29U330A	S-29U331A
S-29U394A	S-29Z330A
S-29Z430A	S-93A46A
S-93A56A	S-93A66A
S-93A86A	S-93C46A
S-93C46B	S-93C56A
S-93C56B	S-93C66A
S-93C66B	S-93C76A
S-93C76B	S-93C86A
S-93C86B	S-93L46A
S-93L56A	S-93L66A
S-93L76A	

SGS-THOMSON

E (E) PROM/FRAM/NVRAM

M24128	M24164
M24256	M24512
M24C04	M24C08
M24C08W	M24C64
M93C06 (08bit)	M93C06 (16bit)
ST24C01	ST24C02A
ST24C16	ST24W01
ST24W02	ST24W04C
ST93C06 (08bit)	ST93C06 (16bit)

SIEMENS

E (E) PROM/FRAM/NVRAM

MT25QL512ABB8ESF (*)	SLA24C01
SLA24C02	SLA24C04
SLA24C08	SLA24C16
SLA24C164	SLA24C32
SLA24C64	SLA25010

SLA25020  
SLA25080  
SLE24C01  
SLE24C04  
SLE24C16  
SLE24C32  
SLE25010  
SLE25040  
SLE25160

SLA25040  
SLA25160  
SLE24C02  
SLE24C08  
SLE24C164  
SLE24C64  
SLE25020  
SLE25080

MICROCONTROLLER

MSP430F155 (\*)  
MSP430F157 (\*)  
MSP430F1611 (\*)  
MSP430F167 (\*)  
MSP430F169 (\*)  
MSP430F235 (\*)  
MSP430F2416 (\*)  
MSP430F2418 (\*)  
MSP430F247 (\*)  
MSP430F248 (\*)  
MSP430F249 (\*)  
MSP430F2616 (\*)  
MSP430F2618 (\*)  
MSP430FG437 (\*)  
MSP430FG439 (\*)

MSP430F156 (\*)  
MSP430F1610 (\*)  
MSP430F1612 (\*)  
MSP430F168 (\*)  
MSP430F233 (\*)  
MSP430F2410 (\*)  
MSP430F2417 (\*)  
MSP430F2419 (\*)  
MSP430F2471 (\*)  
MSP430F2481 (\*)  
MSP430F2491 (\*)  
MSP430F2617 (\*)  
MSP430F2619 (\*)  
MSP430FG438 (\*)

SILICON

MICROCONTROLLER

C8051F000 (\*)  
C8051F002 (\*)  
C8051F006 (\*)  
C8051F010 (\*)  
C8051F012 (\*)  
C8051F016 (\*)  
C8051F320 (\*)  
C8051F321 (\*)  
C8051F323 (\*)  
C8051F324 (\*)  
C8051F326 (\*)  
C8051F327 (\*)  
C8051F330 (\*)  
C8051F331 (\*)  
C8051F333 (\*)  
C8051F334 (\*)  
C8051F336 (\*)  
C8051F337 (\*)  
C8051F338 (\*)  
C8051F339 (\*)  
C8051F520 (\*)

C8051F001 (\*)  
C8051F005 (\*)  
C8051F007 (\*)  
C8051F011 (\*)  
C8051F015 (\*)  
C8051F017 (\*)  
C8051F320A (\*)  
C8051F321A (\*)  
C8051F323A (\*)  
C8051F324A (\*)  
C8051F326A (\*)  
C8051F327A (\*)  
C8051F330A (\*)  
C8051F331A (\*)  
C8051F333A (\*)  
C8051F334A (\*)  
C8051F336A (\*)  
C8051F337A (\*)  
C8051F338A (\*)  
C8051F339A (\*)  
C8051F520A (\*)

C8051F521 (\*)  
C8051F523 (\*)  
C8051F524 (\*)  
C8051F526 (\*)  
C8051F527 (\*)  
C8051F530 (\*)  
C8051F531 (\*)  
C8051F533 (\*)  
C8051F534 (\*)  
C8051F536 (\*)  
C8051F537 (\*)  
C8051T626 (\*)  
EFM32GG230F1024 (\*)  
EFM32LG230F256 (\*)

C8051F521A (\*)  
C8051F523A (\*)  
C8051F524A (\*)  
C8051F526A (\*)  
C8051F527A (\*)  
C8051F530A (\*)  
C8051F531A (\*)  
C8051F533A (\*)  
C8051F534A (\*)  
C8051F536A (\*)  
C8051F537A (\*)  
C8051T626-B (\*)  
EFM32GG230F1024 (FAST) (\*)

#### SILICON LABORATORIES

#### MICROCONTROLLER

EFM8BB10F2G@ISP (\*)  
SI1001 (\*)  
SI1003 (\*)  
SI1005 (\*)  
SI1011 (\*)  
SI1013 (\*)  
SI1015 (\*)  
SIM3C136-B-GM (\*)  
SIM3C137-B-GM (\*)  
SIM3C144-B-GM (\*)  
SIM3C146-B-GQ (\*)  
SIM3C147-B-GQ (\*)  
SIM3C156-B-GM (\*)  
SIM3C157-B-GM (\*)  
SIM3C164-B-GM (\*)  
SIM3C166-B-GQ (\*)  
SIM3C167-B-GQ (\*)  
SIM3U136-B-GQ (\*)  
SIM3U137-B-GQ (\*)  
SIM3U146-B-GQ (\*)  
SIM3U147-B-GQ (\*)  
SIM3U156-B-GQ (\*)  
SIM3U157-B-GQ (\*)  
SIM3U166-B-GQ (\*)  
SIM3U167-B-GQ (\*)

SI1000 (\*)  
SI1002 (\*)  
SI1004 (\*)  
SI1010 (\*)  
SI1012 (\*)  
SI1014 (\*)  
SIM3C134-B-GM (\*)  
SIM3C136-B-GQ (\*)  
SIM3C137-B-GQ (\*)  
SIM3C146-B-GM (\*)  
SIM3C147-B-GM (\*)  
SIM3C154-B-GM (\*)  
SIM3C156-B-GQ (\*)  
SIM3C157-B-GQ (\*)  
SIM3C166-B-GM (\*)  
SIM3C167-B-GM (\*)  
SIM3U136-B-GM (\*)  
SIM3U137-B-GM (\*)  
SIM3U146-B-GM (\*)  
SIM3U147-B-GM (\*)  
SIM3U156-B-GM (\*)  
SIM3U157-B-GM (\*)  
SIM3U166-B-GM (\*)  
SIM3U167-B-GM (\*)

#### SINEVA

#### E (E) PROM/FRAM/NVRAM

GD25Q16C (\*)

#### SINOWEALTH



MICROCONTROLLER

SH79F082 (JTAG) (\*)

SONY

E (E) PROM/FRAM/NVRAM

CXK1011  
CXK1013

CXK1012  
CXK1023

SPANSION

E (E) PROM/FRAM/NVRAM

S25FL001D	S25FL002A
S25FL002D	S25FL004A
S25FL004D	S25FL004K
S25FL008A	S25FL008D
S25FL008K	S25FL016A
S25FL016K	S25FL020A
S25FL032A	S25FL032K
S25FL032P	S25FL040A
S25FL040A (Bottom Boot)	S25FL040A (Top Boot)
S25FL064A	S25FL064K
S25FL064P	S25FL080A
S25FL116K (*)	S25FL128K
S25FL128P (256 KB)	S25FL128P (64 KB)
S25FL128SAGMxx00 (*)	S25FL129P
S25FL164K (*)	S25FL512SAGBxx20
S25FL512SAGBxx30	S25FL512SAGBxx40
S25FL512SAGBxx60	S25FL512SAGBxx70
S25FL512SAGBxx80	S25FL512SAGBxxA0
S25FL512SAGBxxB0	S25FL512SAGBxxC0
S25FL512SAGBxxD0	S25FL512SAGBxxE0
S25FL512SAGBxxF0	S25FL512SAGBxxK1
S25FL512SAGBxxL1	S25FL512SAGBxxM1
S25FL512SAGBxxN1	S25FL512SAGBxxS1
S25FL512SAGBxxT1	S25FL512SAGBxxU1
S25FL512SAGBxxV1	S25FL512SAGBxxW1
S25FL512SAGBxxX1	S25FL512SAGBxxY1
S25FL512SAGMxx00	S25FL512SAGMxx90
S25FL512SAGMxxG0	S25FL512SAGMxxH0
S25FL512SAGMxxQ0	S25FL512SAGMxxR0
S25FL512SDPBxx20	S25FL512SDPBxx30
S25FL512SDPBxx40	S25FL512SDPBxx60
S25FL512SDPBxx70	S25FL512SDPBxx80
S25FL512SDPBxxA0	S25FL512SDPBxxB0
S25FL512SDPBxxC0	S25FL512SDPBxxD0
S25FL512SDPBxxE0	S25FL512SDPBxxF0

S25FL512SDPBxxK1  
S25FL512SDPBxxM1  
S25FL512SDPBxxS1  
S25FL512SDPBxxU1  
S25FL512SDPBxxW1  
S25FL512SDPBxxY1  
S25FL512SDPMxx90  
S25FL512SDPMxxH0  
S25FL512SDPMxxR0  
S25FS256SAGNFI000 (\*)  
S70FL01GSDPMxx01

S25FL512SDPBxxL1  
S25FL512SDPBxxN1  
S25FL512SDPBxxT1  
S25FL512SDPBxxV1  
S25FL512SDPBxxX1  
S25FL512SDPMxx00  
S25FL512SDPMxxG0  
S25FL512SDPMxxQ0  
S25FLK05D  
S70FL01GSAGMxx01

#### MICROCONTROLLER

MB90F428 (UART) (\*)  
MB90F882 (UART) (\*)  
MB90F927 (UART) (\*)  
MB91F467C (UART) (\*)  
MB91F467S (UART) (\*)  
MB91F469G (UART) (\*)  
MB91F53B (UART) (\*)  
MB91F594 (UART) (\*)  
MB96F386 (UART) (\*)  
MB96F673 (UART) (\*)

MB90F462 (UART) (\*)  
MB90F884 (UART) (\*)  
MB91F467B (UART) (\*)  
MB91F467D (UART) (\*)  
MB91F467T (UART) (\*)  
MB91F482 (UART) (\*)  
MB91F587 (16M UART) (\*)  
MB91F59B (UART) (\*)  
MB96F389 (UART) (\*)  
MB96F696R (UART 4M) (\*)

#### SST

#### E (E) PROM/FRAM/NVRAM

SST25LF010  
SST25LF016A  
SST25LF020  
SST25LF040  
SST25LF080  
SST25VF010  
SST25VF016B  
SST25VF020B  
SST25VF040  
SST25VF064C  
SST25VF080B  
SST25VF512A  
SST25WF020  
SST25WF080  
SST26VF016B (\*)

SST25LF010A  
SST25LF016B  
SST25LF020A  
SST25LF040A  
SST25LF080A  
SST25VF010A  
SST25VF020  
SST25VF032B  
SST25VF040B  
SST25VF080  
SST25VF512  
SST25WF010  
SST25WF040  
SST25WF512  
SST26VF032B (\*)

#### ST

#### E (E) PROM/FRAM/NVRAM

M24128  
M24256  
M24C01

M24164  
M24512  
M24C01R

M24C01W	M24C02
M24C02R	M24C02W
M24C04	M24C04R
M24C04W	M24C08
M24C08R	M24C08W
M24C128	M24C128B
M24C16	M24C16R
M24C16W	M24C256
M24C256A	M24C256B
M24C256W	M24C32
M24C32W	M24C64
M24C64W	M24CL04B
M24E16	M24E32
M24M01	M24W01
M24W02	M24W04
M24W08	M24W16
M25C01	M25C02
M25C04	M25C08
M25C16	M25E16
M25P05	M25P05-A
M25P10	M25P10-A
M25P128	M25P16
M25P20	M25P32
M25P32 (Fast Mode)	M25P40
M25P64	M25P64 (Fast Mode)
M25P80	M25PE10
M25PE16	M25PE20
M25PE40	M25PE80
M25PX16	M25PX32
M25PX64	M25PX80
M25W01	M25W02
M25W04	M25W08
M25W16	M25W166
M29GL640EB (FLX) (*)	M29W128GL (FLX) (*)
M29W640FB (CTL BY STM32F205ZG) (*)	M34C02
M34D32	M34D64
M34E02	M45PE10
M45PE16	M45PE20
M45PE40	M45PE80
M93C06 (08bit)	M93C06 (16bit)
M93C46 (08bit)	M93C46 (16bit)
M93C46R (08bit)	M93C46R (16bit)
M93C46W (08bit)	M93C46W (16bit)
M93C56 (08bit)	M93C56 (16bit)
M93C56R (08bit)	M93C56R (16bit)
M93C56W (08bit)	M93C56W (16bit)
M93C66 (08bit)	M93C66 (16bit)
M93C66R (08bit)	M93C66R (16bit)
M93C66W (08bit)	M93C66W (16bit)
M93C76 (08bit)	M93C76 (16bit)
M93C76R (08bit)	M93C76R (16bit)
M93C76W (08bit)	M93C76W (16bit)
M93C86 (08bit)	M93C86 (16bit)
M93C86R (08bit)	M93C86R (16bit)

M93C86W (08bit)  
M93S46  
M93S46W  
M93S56R  
M93S66  
M93S66W  
M95040  
M95128  
M95256  
M95512  
ST24C01  
ST24C16  
ST24W02  
ST93C06 (08bit)  
ST93C46 (08bit)  
ST93C46A (08bit)  
ST93C46C (08bit)  
ST93C46T (08bit)  
ST93C47C (08bit)  
ST93C47T (08bit)  
ST93C56 (08bit)  
ST93C56B (08bit)  
ST93C56C (08bit)  
ST93C57C (08bit)  
ST93C66 (08bit)  
ST93C67 (08bit)  
ST93C76 (08bit)  
ST93C86 (08bit)  
ST93CS46  
ST93CS56  
ST93CS57  
ST93CS67

M93C86W (16bit)  
M93S46R  
M93S56  
M93S56W  
M93S66R  
M95020  
M95080  
M95160  
M95320  
M95640  
ST24C02A  
ST24W01  
ST24W04C  
ST93C06 (16bit)  
ST93C46 (16bit)  
ST93C46A (16bit)  
ST93C46C (16bit)  
ST93C46T (16bit)  
ST93C47C (16bit)  
ST93C47T (16bit)  
ST93C56 (16bit)  
ST93C56B (16bit)  
ST93C56C (16bit)  
ST93C57C (16bit)  
ST93C66 (16bit)  
ST93C67 (16bit)  
ST93C76 (16bit)  
ST93C86 (16bit)  
ST93CS47  
ST93CS566  
ST93CS66

#### MICROCONTROLLER

PSD853F2 (\*)  
SPC560B50 (\*)  
SPC560B64 (speed) (\*)  
ST7FOXK1B6 (\*)  
STM32F030K6 (SW) (\*)  
STM32F031K6 (SW) (\*)  
STM32F051C6 (SW)  
STM32F051K4 (SW)  
STM32F051K8 (SW)  
STM32F051R6 (SW)  
STM32F100C4  
STM32F100C6  
STM32F100C8  
STM32F100CB  
STM32F100R4  
STM32F100R6  
STM32F100R8 (\*)  
STM32F100RB  
STM32F100RC

SPC560B44 (\*)  
SPC560B64 (\*)  
SPC560D30 (\*)  
STM32F030C8 (SW) (\*)  
STM32F030R8 (SW) (\*)  
STM32F051C4 (SW)  
STM32F051C8 (SW)  
STM32F051K6 (SW)  
STM32F051R4 (SW)  
STM32F051R8 (SW)  
STM32F100C4 (SW)  
STM32F100C6 (SW)  
STM32F100C8 (SW)  
STM32F100CB (SW)  
STM32F100R4 (SW)  
STM32F100R6 (SW)  
STM32F100R8 (SW) (\*)  
STM32F100RB (SW)  
STM32F100RC (SW)

STM32F100RD	STM32F100RD (SW)
STM32F100RE	STM32F100RE (SW)
STM32F100V8	STM32F100V8 (SW)
STM32F100VB	STM32F100VB (SW)
STM32F100VC	STM32F100VC (SW)
STM32F100VD	STM32F100VD (SW)
STM32F100VE	STM32F100VE (SW)
STM32F100ZC	STM32F100ZC (SW)
STM32F100ZD	STM32F100ZD (SW)
STM32F100ZE	STM32F100ZE (SW)
STM32F101C4	STM32F101C4 (SW)
STM32F101C6	STM32F101C6 (SW)
STM32F101C8	STM32F101C8 (SW)
STM32F101CB	STM32F101CB (SW)
STM32F101R4	STM32F101R4 (SW)
STM32F101R6	STM32F101R6 (SW)
STM32F101R8	STM32F101R8 (SW)
STM32F101RB	STM32F101RB (SW)
STM32F101RC	STM32F101RC (SW)
STM32F101RD	STM32F101RD (SW)
STM32F101RE	STM32F101RE (SW)
STM32F101RF (JTAG)	STM32F101RF (SW)
STM32F101RG (JTAG)	STM32F101RG (SW)
STM32F101T4	STM32F101T4 (SW)
STM32F101T6	STM32F101T6 (SW)
STM32F101T8	STM32F101T8 (SW)
STM32F101TB	STM32F101V8
STM32F101V8 (SW)	STM32F101VB
STM32F101VB (SW)	STM32F101VC
STM32F101VC (SW)	STM32F101VD
STM32F101VD (SW)	STM32F101VE
STM32F101VE (SW)	STM32F101VF (JTAG)
STM32F101VF (SW)	STM32F101VG (JTAG)
STM32F101VG (SW)	STM32F101ZC
STM32F101ZC (SW)	STM32F101ZD
STM32F101ZD (SW)	STM32F101ZE
STM32F101ZE (SW)	STM32F101ZF (JTAG)
STM32F101ZF (SW)	STM32F101ZG (JTAG)
STM32F101ZG (SW)	STM32F102C4
STM32F102C4 (SW)	STM32F102C6
STM32F102C6 (SW)	STM32F102C8
STM32F102C8 (SW)	STM32F102CB
STM32F102CB (SW)	STM32F102R4
STM32F102R4 (SW)	STM32F102R6
STM32F102R6 (SW)	STM32F102R8
STM32F102R8 (SW)	STM32F102RB
STM32F102RB (SW)	STM32F103C4
STM32F103C4 (SW)	STM32F103C6
STM32F103C6 (SW)	STM32F103C8 (*)
STM32F103C8 (SW) (*)	STM32F103CB
STM32F103CB (SW)	STM32F103R4
STM32F103R4 (SW)	STM32F103R6
STM32F103R6 (SW)	STM32F103R8
STM32F103R8 (SW)	STM32F103RB

STM32F103RB (SW)	STM32F103RC
STM32F103RC (SW)	STM32F103RD
STM32F103RD (SW)	STM32F103RE
STM32F103RE (SW)	STM32F103RF (JTAG)
STM32F103RF (SW)	STM32F103RG (JTAG)
STM32F103RG (SW)	STM32F103T4
STM32F103T4 (SW)	STM32F103T6
STM32F103T6 (SW)	STM32F103T8
STM32F103T8 (SW)	STM32F103TB
STM32F103V8	STM32F103V8 (SW)
STM32F103VB	STM32F103VB (SW)
STM32F103VC (*)	STM32F103VC (SW) (*)
STM32F103VD	STM32F103VD (SW)
STM32F103VE	STM32F103VE (SW)
STM32F103VF (JTAG)	STM32F103VF (SW)
STM32F103VG (JTAG)	STM32F103VG (SW)
STM32F103ZC	STM32F103ZC (SW)
STM32F103ZD	STM32F103ZD (SW)
STM32F103ZE	STM32F103ZE (SW)
STM32F103ZF (JTAG)	STM32F103ZF (SW)
STM32F103ZG (JTAG)	STM32F103ZG (SW)
STM32F105R8	STM32F105R8 (SW)
STM32F105RB	STM32F105RB (SW)
STM32F105RC	STM32F105RC (SW)
STM32F105V8	STM32F105V8 (SW)
STM32F105VB	STM32F105VB (SW)
STM32F105VC	STM32F105VC (SW)
STM32F107RB	STM32F107RB (SW)
STM32F107RC	STM32F107RC (SW)
STM32F107VB	STM32F107VB (SW)
STM32F107VC	STM32F107VC (SW)
STM32F205RB (SW)	STM32F205RC (SW)
STM32F205RE (SW)	STM32F205RF (SW)
STM32F205RG (SW)	STM32F205VB (SW)
STM32F205VC (SW)	STM32F205VE (SW)
STM32F205VF (SW)	STM32F205VG (SW)
STM32F205ZC (SW)	STM32F205ZE (SW)
STM32F205ZF (SW)	STM32F205ZG (SW)
STM32F207VC (SW)	STM32F207VE (SW)
STM32F207VF (SW)	STM32F207VG (SW)
STM32F207ZC (SW)	STM32F207ZE (SW)
STM32F207ZF (SW)	STM32F207ZG (SW)
STM32F215RE (SW)	STM32F215RG (SW)
STM32F215VE (SW)	STM32F215VG (SW)
STM32F215ZE (SW)	STM32F215ZG (SW)
STM32F217VE (SW)	STM32F217VG (SW)
STM32F217ZE (SW)	STM32F217ZG (SW)
STM32F301C8 (SWD) (*)	STM32F301K8 (SWD) (*)
STM32F302CB (SWD) (*)	STM32F303RB (SWD) (*)
STM32F303RE (SWD) (*)	STM32F405RG (SW)
STM32F405VG (SW)	STM32F405ZG (SW)
STM32F407VE (SW)	STM32F407VG (SW)
STM32F407ZE (SW)	STM32F407ZG (SW)
STM32F415RG (SW)	STM32F415VG (SW)

STM32F415ZG (SW)	STM32F417VE (SW)
STM32F417VG (SW)	STM32F417ZE (SW)
STM32F417ZG (SW)	STM32F427ZI (SWD) (*)
STM32F429AG (SWD) (*)	STM32F745IE (SWD) (*)
STM32F765VI (SWD) (*)	STM32G474VE (*)
STM32L100R8 (SWD) (*)	STM32L100RB (SWD) (*)
STM32L151C6 (SW)	STM32L151C8 (SW)
STM32L151CB (SW)	STM32L151R6 (SW)
STM32L151R8 (SW)	STM32L151RB (SW)
STM32L151V8 (SW)	STM32L151VB (SW)
STM32L152C6 (SW)	STM32L152C8 (SW)
STM32L152CB (SW)	STM32L152R6 (SW)
STM32L152R8 (SW)	STM32L152RB (SW)
STM32L152V8 (SW)	STM32L152VB (SW)
STM32L476QE (SWD) (*)	STM8AF5288 (*)
STM8AF6213 (*)	STM8AF6226 (NEW) (*)
STM8AF6246	STM8AF6268 (*)
STM8L051F3	STM8L052C6
STM8L052R8	STM8L101F1
STM8L101F2 (*)	STM8L101F3
STM8L101G2	STM8L101G3
STM8L101K3	STM8L151C2
STM8L151C3	STM8L151C4
STM8L151C6	STM8L151C8
STM8L151F2	STM8L151F3
STM8L151G2	STM8L151G3
STM8L151G4	STM8L151G6
STM8L151K2	STM8L151K3
STM8L151K4	STM8L151K6
STM8L151M8	STM8L151R6
STM8L151R8	STM8L152C4
STM8L152C6	STM8L152C8
STM8L152K4	STM8L152K6
STM8L152M8	STM8L152R6
STM8L152R8	STM8S003F3
STM8S003F3 (LAN) (*)	STM8S003K3
STM8S005C6	STM8S005K6
STM8S007C8	STM8S103F2
STM8S103F3	STM8S103K3 (*)
STM8S105C4	STM8S105C6
STM8S105K4	STM8S105K6
STM8S105S4	STM8S105S6
STM8S207C6	STM8S207C8
STM8S207CB	STM8S207K6
STM8S207M8	STM8S207MB
STM8S207R6	STM8S207R8
STM8S207RB	STM8S207S6
STM8S207S8	STM8S207SB
STM8S208C6	STM8S208C8
STM8S208CB	STM8S208MB
STM8S208R6	STM8S208R8
STM8S208RB	STM8S208S6
STM8S208S8	STM8S208SB
STM8S903F3	STM8S903K3

STR910FAM32  
STR910FAZ32  
STR910FW32  
STR911FAM44  
STR911FAM47  
STR911FAW44  
STR911FAW47  
STR911FM44  
STR912FAW42  
STR912FAW46  
STR912FAZ42  
STR912FAZ46  
STR912FW42  
UPSD3334D  
UPSD3334DB  
UPSD3334DV  
UPSD3334DVB  
UPSD3354D  
UPSD3354DB  
UPSD3354DV  
UPSD3354DVB  
UPSD3434E  
UPSD3434EB  
UPSD3434EV  
UPSD3434EVB  
UPSD3454E  
UPSD3454EB  
UPSD3454EV  
UPSD3454EVB

STR910FAW32  
STR910FM32  
STR911FAM42  
STR911FAM46  
STR911FAW42  
STR911FAW46  
STR911FM42  
STR912FAW32  
STR912FAW44  
STR912FAW47  
STR912FAZ44  
STR912FAZ47  
STR912FW44  
UPSD3334D (new)  
UPSD3334DB (new)  
UPSD3334DV (new)  
UPSD3334DVB (new)  
UPSD3354D (new)  
UPSD3354DB (new)  
UPSD3354DV (new)  
UPSD3354DVB (new)  
UPSD3434E (new)  
UPSD3434EB (new)  
UPSD3434EV (new)  
UPSD3434EVB (new)  
UPSD3454E (new)  
UPSD3454EB (new)  
UPSD3454EV (new)  
UPSD3454EVB (new)

ST-CUSTOMER

E (E) PROM/FRAM/NVRAM

M29W640FB (CTL BY STM32F427ZI) (\*)

MICROCONTROLLER

STM32F103R8 (\*)

SUMMIT

E (E) PROM/FRAM/NVRAM

S24VP02  
S24VP08  
S93462  
S93662  
S93WD462  
S93WD662

S24VP04  
S24VP16  
S93463  
S93663  
S93WD463  
S93WD663

SUNMOON



E (E) PROM/FRAM/NVRAM

SM24C02	SM24C04
SM24C08	SM24C16
SM24M32	SM24M64

SZ-ICPRO

MICROCONTROLLER

PCF7953MTT (\*)

TECHTIUM

E (E) PROM/FRAM/NVRAM

TEC3000

TERRA SEMICONDUCTOR

E (E) PROM/FRAM/NVRAM

TS25L16AP

TEST

E (E) PROM/FRAM/NVRAM

TEST

TI

MICROCONTROLLER

BQ2022ADBZR (*)	BQ2022ALPR (*)
BQ2022DBZR (*)	BQ2022LPR (*)
CC2541F128 (*)	CC2541F256 (*)
CC430F5131SBW	CC430F5132SBW
CC430F5133SBW	CC430F5135SBW
CC430F5137SBW	CC430F5151SBW
CC430F5152SBW	CC430F5171SBW
CC430F5172SBW	CC430F6123SBW
CC430F6125SBW	LM3S1850
LM3S1911	LM3S1918
LM3S1937	LM3S1958
LM3S1960	LM3S1968
LM3S1D21	LM3S2608 (SWD) (*)

LM3S2911	LM3S2918
LM3S2939	LM3S2948
LM3S2950	LM3S2965
LM3S2D93	LM3S3748
LM3S5651 (JTAG)	LM3S5651 (SWD)
LM3S5P36	LM3S6816
LM3S6911	LM3S6916
LM3S6918	LM3S6938
LM3S6950	LM3S6952
LM3S6965	LM3S8930
LM3S8933	LM3S8938
LM3S8962	LM3S8970
LM3S8971	LM3S9D90
LM3S9D92	MSP430F1101A
MSP430F1111A	MSP430F1121A
MSP430F155	MSP430F156
MSP430F157	MSP430F1610
MSP430F1611	MSP430F1612
MSP430F167	MSP430F168
MSP430F169	MSP430F2001SBW
MSP430F2002SBW	MSP430F2003SBW
MSP430F2011SBW	MSP430F2012SBW
MSP430F2013SBW	MSP430F2021SBW
MSP430F2022SBW	MSP430F2023SBW
MSP430F2031SBW	MSP430F2032SBW
MSP430F2033SBW	MSP430F2101SBW
MSP430F2102SBW	MSP430F2103SBW
MSP430F2111SBW	MSP430F2112SBW
MSP430F2113SBW	MSP430F2121SBW
MSP430F2122SBW	MSP430F2123SBW
MSP430F2131SBW	MSP430F2132SBW
MSP430F2133SBW	MSP430F2201SBW
MSP430F2202SBW	MSP430F2203SBW
MSP430F2211SBW	MSP430F2212SBW
MSP430F2213SBW	MSP430F2221SBW
MSP430F2222SBW	MSP430F2223SBW
MSP430F2231SBW	MSP430F2232SBW
MSP430F2233SBW	MSP430F233
MSP430F235	MSP430F2410
MSP430F2416	MSP430F2417
MSP430F2418	MSP430F2419
MSP430F247	MSP430F2471
MSP430F248	MSP430F2481
MSP430F249	MSP430F2491
MSP430F2616	MSP430F2617
MSP430F2618	MSP430F2619
MSP430F5131SBW	MSP430F5132SBW
MSP430F5151SBW	MSP430F5152SBW
MSP430F5171SBW	MSP430F5172SBW
MSP430F5325IPN@ISP (*)	MSP430FG437
MSP430FG438	MSP430FG439
MSP430G2001	MSP430G2011
MSP430G2021	MSP430G2031
MSP430G2101	MSP430G2111

MSP430G2121  
MSP430G2201  
MSP430G2221  
TM4C1294KCPDT (\*)  
TMS320F2809 (UART) (20MHz)

MSP430G2131  
MSP430G2211  
MSP430G2231  
TM4C1294NCPDT (\*)

TMC

E (E) PROM/FRAM/NVRAM

24A01	24A02
24A04	24A08
24A16	93LC46 (08bit)
93LC46 (16bit)	93LC56 (08bit)
93LC56 (16bit)	93LC57
93LC66 (08bit)	93LC66 (16bit)
93LC86 (08bit)	93LC86 (16bit)

TOPSCOMM

MICROCONTROLLER

TC9001A7 (*)	TCC081E (*)
TCC081F (*)	TCC081F+ (*)

TOSHIBA

E (E) PROM/FRAM/NVRAM

TC89101 (08bit)	TC89101 (16bit)
TC89102 (08bit)	TC89102 (16bit)
TC89121	TC89122
TMP86FS49AFG	

MICROCONTROLLER

TMP86FH09 (57600) (*)	TMP86FH46 (57600) (*)
TMP86FS49AFG (*)	TMP86FS49AIFG (*)
TMP86FS49AIUG (*)	TMP86FS49AUG (*)
TMP86FS49BFG (*)	TMP86FS49BUG (*)
TMP89FM42 (57600) (*)	

TURBO IC

E (E) PROM/FRAM/NVRAM

TU93C46 (08bit)	TU93C46 (16bit)
TU93C56 (08bit)	TU93C56 (16bit)
TU93C66 (08bit)	TU93C66 (16bit)

TURBO-IC

E (E) PROM/FRAM/NVRAM

TU24C01	TU24C02
TU24C04	TU24C08
TU24C128	TU24C16
TU24C256	TU24C32
TU24C64	

UNIGEN

E (E) PROM/FRAM/NVRAM

UG24C01	UG24C02
UG24C04	UG24C08
UG24C16	UG93C46-A (08bit)
UG93C46-A (16bit)	UG93C46-A/B (08bit)
UG93C46-A/B (16bit)	UG93C46-B (08bit)
UG93C46-B (16bit)	UG93C56-A (08bit)
UG93C56-A (16bit)	UG93C56-A/B (08bit)
UG93C56-A/B (16bit)	UG93C56-B (08bit)
UG93C56-B (16bit)	UG93C66-A (08bit)
UG93C66-A (16bit)	UG93C66-A/B (08bit)
UG93C66-A/B (16bit)	UG93C66-B (08bit)
UG93C66-B (16bit)	

VANTIS

PLD

M4-32/32JC44	M4-32/32VC44
M4-32/32VC48	M4-64/32JC44
M4-64/32VC44	M4-64/32VC48
M4-96/48VC100	M4A3-32/32JC44
M4A3-32/32VC44	M4A3-32/32VC48
M4A3-64/32JC44	M4A3-64/32VC44
M4A3-64/32VC48	M4A3-96/48VC100
M4A5-32/32JC44	M4A5-32/32VC44
M4A5-32/32VC48	M4A5-64/32JC44
M4A5-64/32VC44	M4A5-64/32VC48
M4A5-96/48VC100	M4LV-32/32JC44
M4LV-32/32VC44	M4LV-32/32VC48
M4LV-64/32JC44	M4LV-64/32VC44
M4LV-64/32VC48	M4LV-96/48VC100

VISTEON

MICROCONTROLLER

PCF7953AC1500 (\*)  
PCF7961ATTM1AC (\*)  
PCF7961XTTM1AB (\*)  
PCF7961XTTM1AE (\*)

PCF7961ATTM1AB (\*)  
PCF7961ATTM1AE (\*)  
PCF7961XTTM1AC (\*)

WAVE SYSTEMS

E (E) PROM/FRAM/NVRAM

W93C46  
W93C56  
W93C66  
W93C86

W93C46A  
W93C56A  
W93C66A  
W93C86A

WHIRLPOOL

E (E) PROM/FRAM/NVRAM

24C01  
24C04  
24C128  
24C256  
24C64

24C02  
24C08  
24C16  
24C32

MICROCONTROLLER

MB9BF121J (SWD) (\*)

WINBOND

E (E) PROM/FRAM/NVRAM

W25B40 (Bottom Boot)  
W25B40A (Bottom Boot)  
W25D10  
W25D40  
W25P10  
W25P20  
W25P40  
W25P80  
W25Q10CV  
W25Q128FV  
W25Q16  
W25Q16CL  
W25Q16DV (\*)  
W25Q16V  
W25Q20CV  
W25Q32  
W25Q32BW  
W25Q32FV  
W25Q40BL

W25B40 (Top Boot)  
W25B40A (Top Boot)  
W25D20  
W25D80  
W25P16  
W25P32  
W25P64  
W25Q05CV  
W25Q128BV  
W25Q128FW (\*)  
W25Q16BV  
W25Q16CV  
W25Q16DW  
W25Q20BW (\*)  
W25Q256FV  
W25Q32BV  
W25Q32DW  
W25Q32V  
W25Q40BV

W25Q40BW	W25Q40CV
W25Q64BV	W25Q64CV
W25Q64DW	W25Q64FV
W25Q80	W25Q80BV
W25X05CL	W25X10
W25X10AL	W25X10AV
W25X10BL	W25X10BV
W25X10CL	W25X10L
W25X10V	W25X16
W25X16AL	W25X16AV
W25X16BV	W25X16V
W25X20	W25X20AL
W25X20AV	W25X20BL
W25X20BV	W25X20CL
W25X20CV	W25X20L
W25X20V	W25X21CL
W25X32	W25X32AV
W25X32V	W25X40
W25X40AL	W25X40AV
W25X40BL	W25X40BV
W25X40CL	W25X40L
W25X40V	W25X41CL
W25X64	W25X64V
W25X80	W25X80AL
W25X80AV	W25X80BL
W25X80BV	W25X80L
W25X80V	W45B012
W45B512	

WING SHING

E (E) PROM/FRAM/NVRAM

WS24C02	WS24W04
WS24W08	WS24W16
WS24W32	WS24W64

WORLDSHINE

MICROCONTROLLER

MB96F696R (UART 4M) (*)	MB96F696R (UART 5M) (*)
MB96F696R (UART 8M) (*)	

XELTEK

E (E) PROM/FRAM/NVRAM

HYTY

MICROCONTROLLER

MB90F882 (UART) (*)	MB90F884 (UART) (*)
MB95F202 (*)	MB95F203 (*)
MB95F204 (*)	MB95F212 (*)
MB95F213 (*)	MB95F214 (*)
MB95F222 (*)	MB95F223 (*)
MB95F224 (*)	MB95F262 (*)
MB95F263 (*)	MB95F264 (*)
MB95F272 (*)	MB95F273 (*)
MB95F274 (*)	MB95F282 (*)
MB95F283 (*)	MB95F284 (*)
MB95F562H (*)	MB95F562K (*)
MB95F563H (*)	MB95F563K (*)
MB95F564H (*)	MB95F564K (*)
MB95F572H (*)	MB95F572K (*)
MB95F573H (*)	MB95F573K (*)
MB95F574H (*)	MB95F574K (*)
MB95F582H (*)	MB95F582K (*)
MB95F583H (*)	MB95F583K (*)
MB95F584H (*)	MB95F584K (*)
MB96F315A (UART 4M) (*)	MB96F315A (UART 5M) (*)
MB96F315A (UART 8M) (*)	MB96F315R (UART 4M) (*)
MB96F315R (UART 5M) (*)	MB96F315R (UART 8M) (*)
MB96F315Y (UART 4M) (*)	MB96F315Y (UART 5M) (*)
MB96F315Y (UART 8M) (*)	MB96F326A (UART 4M) (*)
MB96F326A (UART 5M) (*)	MB96F326A (UART 8M) (*)
MB96F326R (UART 4M) (*)	MB96F326R (UART 5M) (*)
MB96F326R (UART 8M) (*)	MB96F326Y (UART 4M) (*)
MB96F326Y (UART 5M) (*)	MB96F326Y (UART 8M) (*)
MB96F346A (UART 4M) (*)	MB96F346A (UART 5M) (*)
MB96F346A (UART 8M) (*)	MB96F346R (UART 4M) (*)
MB96F346R (UART 5M) (*)	MB96F346R (UART 8M) (*)
MB96F346Y (UART 4M) (*)	MB96F346Y (UART 5M) (*)
MB96F346Y (UART 8M) (*)	MB96F355A (UART 4M) (*)
MB96F355A (UART 5M) (*)	MB96F355A (UART 8M) (*)
MB96F355R (UART 4M) (*)	MB96F355R (UART 5M) (*)
MB96F355R (UART 8M) (*)	MB96F355Y (UART 4M) (*)
MB96F355Y (UART 5M) (*)	MB96F355Y (UART 8M) (*)
MB96F356A (UART 4M) (*)	MB96F356A (UART 5M) (*)
MB96F356A (UART 8M) (*)	MB96F356R (UART 4M) (*)
MB96F356R (UART 5M) (*)	MB96F356R (UART 8M) (*)
MB96F356Y (UART 4M) (*)	MB96F356Y (UART 5M) (*)
MB96F356Y (UART 8M) (*)	MB96F379A (UART 4M) (*)
MB96F379A (UART 5M) (*)	MB96F379A (UART 8M) (*)
MB96F379R (UART 4M) (*)	MB96F379R (UART 5M) (*)
MB96F379R (UART 8M) (*)	MB96F379Y (UART 4M) (*)
MB96F379Y (UART 5M) (*)	MB96F379Y (UART 8M) (*)
MB96F386A (UART 4M) (*)	MB96F386A (UART 5M) (*)
MB96F386A (UART 8M) (*)	MB96F386R (UART 4M) (*)
MB96F386R (UART 5M) (*)	MB96F386R (UART 8M) (*)
MB96F386Y (UART 4M) (*)	MB96F386Y (UART 5M) (*)
MB96F386Y (UART 8M) (*)	MB96F389A (UART 4M) (*)
MB96F389A (UART 5M) (*)	MB96F389A (UART 8M) (*)
MB96F389R (UART 4M) (*)	MB96F389R (UART 5M) (*)

MB96F389R (UART 8M) (\*)  
MB96F389Y (UART 5M) (\*)  
MB96F395A (UART 4M) (\*)  
MB96F395A (UART 8M) (\*)  
MB96F395R (UART 5M) (\*)  
MB96F395Y (UART 4M) (\*)  
MB96F395Y (UART 8M) (\*)  
MB96F612A (UART 5M) (\*)  
MB96F613A (UART 4M) (\*)  
MB96F613A (UART 8M) (\*)  
MB96F613R (UART 5M) (\*)  
MB96F622A (UART 4M) (\*)  
MB96F622A (UART 8M) (\*)  
MB96F623A (UART 5M) (\*)  
MB96F623R (UART 4M) (\*)  
MB96F623R (UART 8M) (\*)  
MB96F633A (UART 5M) (\*)  
MB96F633R (UART 4M) (\*)  
MB96F633R (UART 8M) (\*)  
MB96F635A (UART 5M) (\*)  
MB96F635R (UART 4M) (\*)  
MB96F635R (UART 8M) (\*)  
MB96F636R (UART 5M) (\*)  
MB96F637A (UART 4M) (\*)  
MB96F637A (UART 8M) (\*)  
MB96F637R (UART 5M) (\*)  
MB96F643A (UART 4M) (\*)  
MB96F643A (UART 8M) (\*)  
MB96F643R (UART 5M) (\*)  
MB96F645A (UART 4M) (\*)  
MB96F645A (UART 8M) (\*)  
MB96F645R (UART 5M) (\*)  
MB96F646R (UART 4M) (\*)  
MB96F646R (UART 8M) (\*)  
MB96F647A (UART 5M) (\*)  
MB96F647R (UART 4M) (\*)  
MB96F647R (UART 8M) (\*)  
MB96F653A (UART 5M) (\*)  
MB96F653R (UART 4M) (\*)  
MB96F653R (UART 8M) (\*)  
MB96F655A (UART 5M) (\*)  
MB96F655R (UART 4M) (\*)  
MB96F655R (UART 8M) (\*)  
MB96F656R (UART 5M) (\*)  
MB96F657A (UART 4M) (\*)  
MB96F657A (UART 8M) (\*)  
MB96F657R (UART 5M) (\*)  
MB96F673A (UART 4M) (\*)  
MB96F673A (UART 8M) (\*)  
MB96F673R (UART 5M) (\*)  
MB96F683A (UART 4M) (\*)  
MB96F683A (UART 8M) (\*)  
MB96F683R (UART 5M) (\*)  
MB96F693A (UART 4M) (\*)

MB96F389Y (UART 4M) (\*)  
MB96F389Y (UART 8M) (\*)  
MB96F395A (UART 5M) (\*)  
MB96F395R (UART 4M) (\*)  
MB96F395R (UART 8M) (\*)  
MB96F395Y (UART 5M) (\*)  
MB96F612A (UART 4M) (\*)  
MB96F612A (UART 8M) (\*)  
MB96F613A (UART 5M) (\*)  
MB96F613R (UART 4M) (\*)  
MB96F613R (UART 8M) (\*)  
MB96F622A (UART 5M) (\*)  
MB96F623A (UART 4M) (\*)  
MB96F623A (UART 8M) (\*)  
MB96F623R (UART 5M) (\*)  
MB96F633A (UART 4M) (\*)  
MB96F633A (UART 8M) (\*)  
MB96F633R (UART 5M) (\*)  
MB96F635A (UART 4M) (\*)  
MB96F635A (UART 8M) (\*)  
MB96F635R (UART 5M) (\*)  
MB96F636R (UART 4M) (\*)  
MB96F636R (UART 8M) (\*)  
MB96F637A (UART 5M) (\*)  
MB96F637R (UART 4M) (\*)  
MB96F637R (UART 8M) (\*)  
MB96F643A (UART 5M) (\*)  
MB96F643R (UART 4M) (\*)  
MB96F643R (UART 8M) (\*)  
MB96F645A (UART 5M) (\*)  
MB96F645R (UART 4M) (\*)  
MB96F645R (UART 8M) (\*)  
MB96F646R (UART 5M) (\*)  
MB96F647A (UART 4M) (\*)  
MB96F647A (UART 8M) (\*)  
MB96F647R (UART 5M) (\*)  
MB96F653A (UART 4M) (\*)  
MB96F653A (UART 8M) (\*)  
MB96F653R (UART 5M) (\*)  
MB96F655A (UART 4M) (\*)  
MB96F655A (UART 8M) (\*)  
MB96F655R (UART 5M) (\*)  
MB96F656R (UART 4M) (\*)  
MB96F656R (UART 8M) (\*)  
MB96F657A (UART 5M) (\*)  
MB96F657R (UART 4M) (\*)  
MB96F657R (UART 8M) (\*)  
MB96F673A (UART 5M) (\*)  
MB96F673R (UART 4M) (\*)  
MB96F673R (UART 8M) (\*)  
MB96F683A (UART 5M) (\*)  
MB96F683R (UART 4M) (\*)  
MB96F683R (UART 8M) (\*)  
MB96F693A (UART 5M) (\*)



MB96F693A (UART 8M) (*)	MB96F693R (UART 4M) (*)
MB96F693R (UART 5M) (*)	MB96F693R (UART 8M) (*)
MB96F695A (UART 4M) (*)	MB96F695A (UART 5M) (*)
MB96F695A (UART 8M) (*)	MB96F695R (UART 4M) (*)
MB96F695R (UART 5M) (*)	MB96F695R (UART 8M) (*)
MB96F696R (UART 4M) (*)	MB96F696R (UART 5M) (*)
MB96F696R (UART 8M) (*)	MB96F6A5A (UART 4M) (*)
MB96F6A5A (UART 5M) (*)	MB96F6A5A (UART 8M) (*)
MB96F6A5R (UART 4M) (*)	MB96F6A5R (UART 5M) (*)
MB96F6A5R (UART 8M) (*)	MB96F6A6A (UART 4M) (*)
MB96F6A6A (UART 5M) (*)	MB96F6A6A (UART 8M) (*)
MB96F6A6R (UART 4M) (*)	MB96F6A6R (UART 5M) (*)
MB96F6A6R (UART 8M) (*)	MB96F6B5A (UART 4M) (*)
MB96F6B5A (UART 5M) (*)	MB96F6B5A (UART 8M) (*)
MB96F6B5R (UART 4M) (*)	MB96F6B5R (UART 5M) (*)
MB96F6B5R (UART 8M) (*)	MB96F6B6A (UART 4M) (*)
MB96F6B6A (UART 5M) (*)	MB96F6B6A (UART 8M) (*)
MB96F6B6R (UART 4M) (*)	MB96F6B6R (UART 5M) (*)
MB96F6B6R (UART 8M) (*)	MB96F6C5A (UART 4M) (*)
MB96F6C5A (UART 5M) (*)	MB96F6C5A (UART 8M) (*)
MB96F6C5R (UART 4M) (*)	MB96F6C5R (UART 5M) (*)
MB96F6C5R (UART 8M) (*)	MB96F6C6A (UART 4M) (*)
MB96F6C6A (UART 5M) (*)	MB96F6C6A (UART 8M) (*)
MB96F6C6R (UART 4M) (*)	MB96F6C6R (UART 5M) (*)
MB96F6C6R (UART 8M) (*)	P89LPC936FA (*)
P89LPC936FDH (*)	SI1000 (*)

XICOR

E (E) PROM/FRAM/NVRAM

X24012	X24022
X24026	X24042
X24164	X2444
X2444I	X24C01
X24C01A	X24C01I
X24C02	X24C04
X24C04I	X24C08
X24C08I	X24C16
X24C16I	X24C44
X24C44I	X24C45
X24C45I	X25020
X25021	X25040
X25041	X25043
X25045	X25057
X25080	X25097
X25128	X25138
X25160	X25163
X25164	X25165
X25166	X25168
X25169	X25256
X25320	X25323
X25325	X25326

X25328  
X25330  
X25640  
X25643  
X25645  
X25649  
X25C02  
X5045  
X51638  
X5168  
X5323  
X5328  
X5643  
X5648

X25329  
X25401  
X25642  
X25644  
X25648  
X25650  
X5043  
X5163  
X5165  
X5169  
X5325  
X5329  
X5645  
X5649

XILINX

E (E) PROM/FRAM/NVRAM

XCF08P  
XCF32P

XCF16P

PLD

XC2C128-6CP132C  
XC2C128-6TQ144C  
XC2C128-6VQ100C  
XC2C128-7CP132C  
XC2C128-7CPG132C  
XC2C128-7TQ144C  
XC2C128-7TQG144C  
XC2C128-7VQ100C  
XC2C128-7VQG100C  
XC2C256-6CP132C  
XC2C256-6FT256C  
XC2C256-6PQ208C  
XC2C256-6TQ144C  
XC2C256-6VQ100C  
XC2C256-7CP132C  
XC2C256-7CPG132C  
XC2C256-7FT256C  
XC2C256-7FTG256C  
XC2C256-7PQ208C  
XC2C256-7PQG208C  
XC2C256-7TQ144C  
XC2C256-7TQG144C  
XC2C256-7VQ100C  
XC2C256-7VQG100C  
XC2C32-3CP56C  
XC2C32-3PC44C  
XC2C32-4CP56C  
XC2C32-4VQ44C  
XC2C32-6CP56C

XC2C128-6CPG132C  
XC2C128-6TQG144C  
XC2C128-6VQG100C  
XC2C128-7CP132I  
XC2C128-7CPG132I  
XC2C128-7TQ144I  
XC2C128-7TQG144I  
XC2C128-7VQ100I  
XC2C128-7VQG100I  
XC2C256-6CPG132C  
XC2C256-6FTG256C  
XC2C256-6PQG208C  
XC2C256-6TQG144C  
XC2C256-6VQG100C  
XC2C256-7CP132I  
XC2C256-7CPG132I  
XC2C256-7FT256I  
XC2C256-7FTG256I  
XC2C256-7PQ208I  
XC2C256-7PQG208I  
XC2C256-7TQ144I  
XC2C256-7TQG144I  
XC2C256-7VQ100I  
XC2C256-7VQG100I  
XC2C32-3CPG56C  
XC2C32-3VQ44C  
XC2C32-4PC44C  
XC2C32-4VQG44C  
XC2C32-6CP56I

XC2C32-6CPG56C  
XC2C32-6PC44I  
XC2C32-6VQ44I  
XC2C32A-4CP56C  
XC2C32A-4PC44C  
XC2C32A-4VQ44C  
XC2C32A-6CP56C  
XC2C32A-6CPG56C  
XC2C32A-6PC44C  
XC2C32A-6QFG32I  
XC2C32A-6VQ44I  
XC2C32A-6VQG44I  
XC2C384-10FG324I  
XC2C384-10FGG324I  
XC2C384-10FT256I  
XC2C384-10FTG256I  
XC2C384-10PQ208I  
XC2C384-10PQG208I  
XC2C384-10TQ144I  
XC2C384-10TQG144I  
XC2C384-7FGG324C  
XC2C384-7FTG256C  
XC2C384-7PQG208C  
XC2C384-7TQG144C  
XC2C64-5PC44C  
XC2C64-5VQ44C  
XC2C64-7CP56C  
XC2C64-7CPG56C  
XC2C64-7PC44C  
XC2C64-7VQ100C  
XC2C64-7VQ44C  
XC2C64-7VQG100C  
XC2C64-7VQG44I  
XC2C64A-5CPG56C  
XC2C64A-5VQ100C  
XC2C64A-5VQG100C  
XC2C64A-7CP56C  
XC2C64A-7CPG56C  
XC2C64A-7QFG48C  
XC2C64A-7VQ100C  
XC2C64A-7VQ44C  
XC2C64A-7VQG100C  
XC2C64A-7VQG44C  
XCR3032XL-CS48  
XCR3032XL-VQ44  
XCR3064XL-CS48  
XCR3064XL-VQ100  
XCR3128XL-CS144  
XCR3128XL-TQ144  
XCR3256XL-FT256  
XCR3256XL-TQ144  
XCR3384XL-FT256  
XCR3384XL-TQ144  
XCR3512XL-FT256

XC2C32-6PC44C  
XC2C32-6VQ44C  
XC2C32-6VQG44C  
XC2C32A-4CPG56C  
XC2C32A-4QFG32C  
XC2C32A-4VQG44C  
XC2C32A-6CP56I  
XC2C32A-6CPG56I  
XC2C32A-6QFG32C  
XC2C32A-6VQ44C  
XC2C32A-6VQG44C  
XC2C384-10FG324C  
XC2C384-10FGG324C  
XC2C384-10FT256C  
XC2C384-10FTG256C  
XC2C384-10PQ208C  
XC2C384-10PQG208C  
XC2C384-10TQ144C  
XC2C384-10TQG144C  
XC2C384-7FG324C  
XC2C384-7FT256C  
XC2C384-7PQ208C  
XC2C384-7TQ144C  
XC2C64-5CP56C  
XC2C64-5VQ100C  
XC2C64-5VQG44C  
XC2C64-7CP56I  
XC2C64-7CPG56I  
XC2C64-7PC44I  
XC2C64-7VQ100I  
XC2C64-7VQ44I  
XC2C64-7VQG44C  
XC2C64A-5CP56C  
XC2C64A-5QFG48C  
XC2C64A-5VQ44C  
XC2C64A-5VQG44C  
XC2C64A-7CP56I  
XC2C64A-7CPG56I  
XC2C64A-7QFG48I  
XC2C64A-7VQ100I  
XC2C64A-7VQ44I  
XC2C64A-7VQG100I  
XC2C64A-7VQG44I  
XCR3032XL-PC44  
XCR3064XL-CP56  
XCR3064XL-PC44  
XCR3064XL-VQ44  
XCR3128XL-TQ100  
XCR3256XL-CS280  
XCR3256XL-PQ208  
XCR3384XL-FG324  
XCR3384XL-PQ208  
XCR3512XL-FG324  
XCR3512XL-PQ208

XXXXX-CUSTOMER

E (E) PROM/FRAM/NVRAM

24XX01 (*)	24XX02 (*)
24XX04 (*)	24XX08 (*)
24XX128 (*)	24XX16 (*)
24XX256 (*)	24XX32 (*)
24XX64 (*)	

YFVE

MICROCONTROLLER

MB95F352H (*)	MB95F352K (*)
MB95F353H (*)	MB95F353K (*)
MB95F354H (*)	MB95F354K (*)
MB95F694E (*)	MB95F694H (*)
MB95F694K (*)	MB95F694L (*)
MB95F696E (*)	MB95F696H (*)
MB95F696K (*)	MB95F696L (*)
MB95F698E (*)	MB95F698H (*)
MB95F698K (*)	MB95F698L (*)
MB95F876H (*)	MB95F876K (*)

YMC

E (E) PROM/FRAM/NVRAM

Y24LC01	Y24LC02
Y24LC02A	Y24LC04
Y24LC08	Y24LC16
Y24LC32	Y24LC64
Y93LC46 (08bit)	Y93LC46 (16bit)
Y93LC66 (08bit)	Y93LC66 (16bit)
Y93LC86 (08bit)	Y93LC86 (16bit)

YSS

E (E) PROM/FRAM/NVRAM

Y25F05	Y25F10
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YXDQ

MICROCONTROLLER

MB90F462 (UART) (\*)

YXLDZ

E (E) PROM/FRAM/NVRAM

YXL9020

Z\_WAVE

MICROCONTROLLER

ZW0201

ZW0301

ZHENGXIN

E (E) PROM/FRAM/NVRAM

LX24C01

LX24C02

LX24C04

LX24C08

LX24C16

ZKTECO

MICROCONTROLLER

DS28E10 (\*)

ZX

MICROCONTROLLER

ATMEGA32L\_AT25256A











































































































































