P801

Gang programmer

Production Programmer Designed for Speed

- Very fast programming with high performance pre-checks and post programming checks
- Stand Alone or PC remote operation
- Easy expansion for package styles up to 56 pin
- Programs to manufacturers certified algorithms
- Modules can be changed quickly and easily
- Modules provide reliable contact, no adaptors required
- Fast download via RS-232
- Optional High Speed IEEE parallel port

Description

Programming Features:

- High Speed programming to manufactures certified specification, typically 1 Mbit Flash = 8 seconds for 8 devices
- Pre-Program checks are selectable (empty check, bit check, or none)
- Verify Margins can be modified from approved algorithms to marginal conditions (+/- 10% deviation from normal)
- Security Lock (sector protect) will disable both program and erase operation in any number of available sectors for in-circuit programmable devices
- Device Check for correct insertion and faults
- Bus Isolation for data integrity with 208 drivers built in
- Turbo Charge Modes in addition to the inherent high speed two features are embodied:
    - SKIP- where the programmer does not attempt to program empty locations
    - Memory Mapping - which allows areas of the programmable device not used to be excluded from the program, erase and verify field, thereby increasing throughput proportionally.

Support:

- 4 sockets in gang or set and up to eight sockets in gang mode depending on plug in module
- EPROMS, EEPROMS, FLASH, Serial EPROMS, and Microcontrollers
- Package Types DIP and PLCC (no third party adapters required)
- Low Voltage Technologies - all voltages from 2.0V up to 7.0V enabling support of 2.4V and 3.3V technologies
- 8, 16, 32 bit modes

Operating Benefits:

- User set-up restored on power up
- Low cost of ownership and low cost module configurations
- Memory device data editing tools include:
    - List or Change Data
    - Insert/delete Bytes
    - Fill Ram
    - Block Move
    - String Search
- Edit functions can be locked out for production use

High Speed Data Transfer:

- Optional Parallel Interface:
  High speed standard IEEE 1284 parallel port giving enhanced bi-directional communication. Download speed is further enhanced by DMA.
- Supplied with StagCom 95 and cable.

Specification

- Device Support:
  EPROMS, EEPROMS, Serial EPROMS, FLASH and Microcontrollers
- Pin Drivers - 208
- Processor:
  32 bit Embedded RISC Microcontroller with cache memory
- Memory:
  4 Mbytes (32Mbits) standard. 16 Mbytes (128Mbytes) expansion using 72 pin SIMMs
- Display:
  20 x 4 character alphanumeric back-lit LCD
- Keypad:
  Silicon rubber, tactile 23 keys including dedicated program and cursor buttons.
- I/O Ports:
  Serial Baud rate selection 1200, thru 115200. Programmable stop bit. Hardware handshaking protocol
- I/O Format:
  Data transfer to/from all platforms including PC, VAX, SUN,Macintosh. I/O format selection (ASCII, HEX Space, binary, binary rubout,Intel 32 bit, Motorola S-Record, Stag binary, Stag Hex, Extended TEK-Hex)
- Power:
  90-263V AC 60W. 40-70HZ
- Size:
  Width 440mm (17.2") Depth- 260mm (10.4") Height - 130mm (5.2")

Environmental

- EMC Emissions:
  Complies with EN50081-1 & EN55022 FCC Part 15- sub part J
- EMC Immunity:
  Complies with EN50082-1
- Safety:
  Complies with EN60950 & IEC950
- Humidity:
  20 to 80% non-condensing
- Operating Temperature:
  0-35 C

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Device Support List

Version 5.8

Please consult device specific information at the end of this list.

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General Notes.

Devices are listed by manufacturer, then device type, then alpha-numerically by Device description.

In device descriptions brackets are used to denote an optional character, for example AM27C512(L) can be used for either AM27C512 or AM27C512L.
/ denotes either or part numbers, so the MBM29F002B-X PFTN/R setting can be used for either MBM29F002B-X PFTN or MBM29F002B-X PFTR.
XX is used as a wild card, for example AT27C256R-XX J where XX could be any speed: 90,12 etc.
Comma is used to show where 2 packages share one device code, so the E,F 28F200CV-B setting can be used for E28F200CV-B or F28F200CV-B. Comma is also used when a the part can be programmed on either one of 2 modules, for example for G,M811 use G811 or M811.

Package Designators

The device package can be determined from the first digit of the device code as follows:

0	DIP
1	PLCC
3	SOIC
7	QFP, TQFP
8	TSOP
9	TSOP
F	Other

ACER LABORATORIES

Code	Device	Rev	Module
MICRO			
1808CB	M6789 PLCC	5.7	M814
7808CB	M6789 QFP	5.7	M871

ALLIANCE

Code	Device	Rev	Module
FLASH			
1A8FA2	AS29F002B-XX LC	5.0	M822
0A8FA2	AS29F002B-XX PC	5.0	M811
FA8FA2	AS29F002B-XX T1C	5.0	M841
8A8FA2	AS29F002B-XXTC	2.0	M842
1A8FA3	AS29F002T-XX LC	5.0	M822
0A8FA3	AS29F002T-XX PC	5.0	M811
FA8FA3	AS29F002T-XX T1C	5.0	M841
8A8FA3	AS29F002T-XX TC	2.0	M842
0A8F76	AS29F010 -XX PC	2.0	G,M811
1A8F76	AS29F010-XX LC	2.0	G,M822
8A8F76	AS29F010-XX TC	2.0	M841
0A8F76	AS29F011 -XX PC	2.0	G,M811
1A8F76	AS29F011-XX LC	2.0	G,M822
8A8F76	AS29F011-XX TC	2.0	M841
1A8F78	AS29F040-XX L	2.0	G,M822
8A8F78	AS29F040-XX T	2.0	M841
3A8F79	AS29F080-XX SC	2.0 &69-0395	M813
8A8F79	AS29F080-XX TC	2.1	M843
8A8F52	AS29F200B-XX T	3.1	M845
8A8F53	AS29F200T-XX T	3.1	M845
3A7F96	AS29LV800B-XX S	5.4	M835
8A7F96	AS29LV800B-XX T	5.4	M845
3A7F97	AS29LV800T-XX S	5.4	M835
8A7F97	AS29LV800T-XX T	5.4	M845

AMD

Code	Device	Rev	Module
EPROM			
09E0E0	AM2716, AM9716	1.0	G,M811
09F0E0	AM2716B	1.0	G,M811
09E0E1	AM2732	1.0	G,M811
09F0E1	AM2732B	1.0	G,M811
09E0E2	AM2764-XX D	1.0	G,M811
89F0F6	AM27C010-XX E	1.0	M841
19F0F6	AM27C010-XX J	1.0	G,M822
09F0F6	AM27C010-XX P,D,X	1.0	G,M811
09F0F7	AM27C020-XX D,P,X	1.0	G,M811
89F0F7	AM27C020-XX E	1.0	M841
19F0F7	AM27C020-XX J	1.0	G,M822
09F0F8	AM27C040-XX D,X,P	1.0	G,M811
89F0F8	AM27C040-XX E	1.0	M841
19F0F8	AM27C040-XX J	1.0	G,M822
09F0F9	AM27C080-XX D,P	1.0	G,M811
19F0F9	AM27C080-XX J	1.0	G,M822
09FFF6	AM27C100-XX D,P	1.0	G,M811
09F0D6	AM27C1024-XX D,P,Q	1.0	G,M812
19F0D6	AM27C1024-XX J	1.0	M823
19F0F3	AM27C128-XX J	1.0	M821
09F0F3	AM27C128-XX P,D,X	1.0	G,M811
09F0D7	AM27C2048-XX D,P,Q	1.0	G,M812
19F0D7	AM27C2048-XX J	1.0	M823
19F0F4	AM27C256-XX J	1.0	M821
09F0F4	AM27C256-XX P,D,X	1.0	G,M811
09FFD8	AM27C400-XX D	1.0	M813
09F0D8	AM27C4096-XX D	1.0	G,M812
19F0D8	AM27C4096-XX J	1.0	M823
09F0F5	AM27C512(L)-XX D,P,X	1.0	G,M811
19F0F5	AM27C512(L)-XX J	1.0	M821
19F0F2	AM27C64-XX J	1.0	M821
09F0F2	AM27C64-XX P,D ,X	1.0	G,M811
09FFD9	AM27C800-XX D,P	1.0	M813
09F0C6	AM27H010-XX D,X,P	1.0	G,M811
19F0C6	AM27H010-XX J	1.0	G,M822
09F0C6	AM27HB010-XX D,X,P	1.0	G,M811
19F0C6	AM27HB010-XX J	1.0	G,M822
09F0C4	AM27H256-XX D	1.0	G,M811
19F0C4	AM27H256-XX J	1.0	M821
FLASH			
09FFE6	AM28F010-XX D,P	1.0	G,M811
89FFE6	AM28F010-XX E,F	1.0	M841
19FFE6	AM28F010-XX J	1.0	G,M822
09EFE6	AM28F010A-XX D,P	1.0	G,M811
89EFE6	AM28F010A-XX E,F	1.0	M841
19EFE6	AM28F010A-XX J	1.0	G,M822
09FFE7	AM28F020-XX D,P	1.0	G,M811
89FFE7	AM28F020-XX E.F	1.0	M841
19FFE7	AM28F020-XX J	1.0	G,M822
09EFE7	AM28F020A-XX D,P	1.0	G,M811
89EFE7	AM28F020A-XX E,F	1.0	M841
19EFE7	AM28F020A-XX J	1.0	G,M822
09FFE4	AM28F256-XX D,P	1.0	G,M811
89FFE4	AM28F256-XX E,F	1.0	M841
19FFE4	AM28F256-XX J	1.0	G,M822
09EFE4	AM28F256A-XX D,P	1.0	G,M811
89EFE4	AM28F256A-XX E,F	1.0	M841
19EFE4	AM28F256A-XX J	1.0	G,M822
09FFE5	AM28F512-XX D,P	1.0	G,M811
89FFE5	AM28F512-XX E,F	1.0	M841

19FFE5	AM28F512-XX J	1.0	G,M822
89EFE5	AM28F512A-XX E,F	1.0	M841
19EFE5	AM28F512A-XX J	1.0	G,M822
09EFE5	AM28F512A-XX P	1.0	G,M811
89FF9C	AM29DL162CB-XX E	5.1	M845
89FF9D	AM29DL162CT-XX E	5.1	M845
89FF9E	AM29DL163CB-XX E	5.1	M845
89FF9F	AM29DL163CT-XX E	5.1	M845
89FF5B	AM29DL322CBXX E	5.6	M845
89FF5A	AM29DL322CTXX E	5.6	M845
89FF5D	AM29DL323CBXX E	5.6	M845
89FF5C	AM29DL323CTXX E	5.6	M845
89CE63	AM29DL400BB-XX E,F	5.3	M845
39CE63	AM29DL400BB-XX S	5.3	M835
89CE64	AM29DL400BT-XX E,F	5.3	M845
39CE64	AM29DL400BT-XX S	5.3	M835
89EF9A	AM29DL800B-XX E,F	2.0	M845
39EF9A	AM29DL800B-XX S	2.0	M835
89CF9A	AM29DL800BB-XX E,F	2.0	M845
39CF9A	AM29DL800BB-XX S	2.0	M835
89CF9B	AM29DL800BT-XX E,F	2.0	M845
39CF9B	AM29DL800BT-XX S	2.0	M835
89EF9B	AM29DL800T-XX E,F	2.0	M845
39EF9B	AM29DL800T-XX S	2.0	M835
09FFA2	AM29F002B -XX PC	2.0	G,M811
89FFA2	AM29F002B-XX E	2.0	M841
19FFA2	AM29F002B-XX J	2.0	G,M822
89DFA2	AM29F002BB-XX E,F	5.3	M841
19DFA2	AM29F002BB-XX J	5.3	M822
09DFA2	AM29F002BB-XX PC	5.3	M811
89DFA3	AM29F002BT-XX E,F	5.3	M841
19DFA3	AM29F002BT-XX J	5.3	M822
09DFA3	AM29F002BT-XX PC	5.3	M811
89FED2	AM29F002NB-XX E	2.0	M841
19FED2	AM29F002NB-XX J	2.0	G,M822
09FED2	AM29F002NB-XX PC	2.0	G,M811
89DED2	AM29F002NBB-XX E,F	5.3	M841
19DED2	AM29F002NBB-XX J	5.3	M822
09DED2	AM29F002NBB-XX PC	5.3	M811
89DED3	AM29F002NBT-XX E,F	5.3	M841
19DED3	AM29F002NBT-XX J	5.3	M822
09DED3	AM29F002NBT-XX PC	5.3	M811
89FED3	AM29F002NT-XX E	2.0	M841
19FED3	AM29F002NT-XX J	2.0	G,M822
09FED3	AM29F002NT-XX PC	2.0	G,M811
89FFA3	AM29F002T-XX E	2.0	M841
19FFA3	AM29F002T-XX J	2.0	G,M822
09FFA3	AM29F002T-XX PC	2.0	G,M811
19FFA4	AM29F004BB-XX J	5.4	M822
19FFA5	AM29F004BT-XX J	5.4	M822
89FF76	AM29F010-XX E,F	2.0	M841
19FF76	AM29F010-XX J	2.0	G,M822
09FF76	AM29F010-XX P	2.0	G,M811
89DF76	AM29F010B-XX E,F	5.3	M841
19DF76	AM29F010B-XX J	5.3	M822
09DF76	AM29F010B-XX P	5.3	M811
89FF7A	AM29F016-XX E,F	2.0	M841
89DF7A	AM29F016B-XX E,F	2.0	M846
09FF78	AM29F040-XX D,P	2.0	G,M811
89FF78	AM29F040-XX E,F	2.0	M841
19FF78	AM29F040-XX J	2.0	G,M822
09DF78	AM29F040B-XX D,P	2.0	G,M811
89DF78	AM29F040B-XX E,F	2.0	M841
19DF78	AM29F040B-XX J	2.0	G,M822
89FF79	AM29F080-XX E,F	2.0	M843
39FF79	AM29F080-XX S	2.0	M813 & 69-0395
89DF79	AM29F080B-XX E,F	2.0	M843
39DF79	AM29F080B-XX S	2.0	M813 & 69-0395
89FF50	AM29F100B-XX E,F	2.0	M845
39FF50	AM29F100B-XX S	2.0	M835
89FF51	AM29F100T-XX E,F	2.0	M845
39FF51	AM29F100T-XX S	2.0	M835
89FF52	AM29F200(A)B-XX E,F	2.0	M845
39FF52	AM29F200(A)B-XX S	2.0	M835
89FF53	AM29F200(A)T-XX E,F	2.0	M845
39FF53	AM29F200(A)T-XX S	2.0	M835
89FF54	AM29F400(A)B-XX E,F	2.0	M845
39FF54	AM29F400(A)B-XX S	2.0	M835
89FF55	AM29F400(A)T-XX E,F	2.0	M845
39FF55	AM29F400(A)T-XX S	2.0	M835
89DF54	AM29F400BB-XX E,F	2.0	M845
39DF54	AM29F400BB-XX S	2.0	M835
89DF55	AM29F400BT-XX E,F	2.0	M845
39DF55	AM29F400BT-XX S	2.0	M835
89FF96	AM29F800B-XX E,F	2.0	M845
39FF96	AM29F800B-XX S	2.0	M835
89DF96	AM29F800BB-XX E,F	2.0	M845
39DF96	AM29F800BB-XX S	2.0	M835
89DF97	AM29F800BT-XX E,F	2.0	M845
39DF97	AM29F800BT-XX S	2.0	M835
89FF97	AM29F800T-XX E,F	2.0	M845
39FF97	AM29F800T-XX S	2.0	M835
89EFA0	AM29LV001BB E,F	3.1	M841
19EFA0	AM29LV001BB J	3.1	G,M822
89EFA1	AM29LV001BT E,F	3.1	M841
19EFA1	AM29LV001BT J	3.1	G,M822
89EFA2	AM29LV002B-XX E	2.0	M841
19EFA2	AM29LV002B-XX J	2.0	G,M822
89EFA3	AM29LV002T-XX E	2.0	M841
19EFA3	AM29LV002T-XX J	2.0	G,M822
89EFA4	AM29LV004B-XX E,F	2.0	M842
89CFA4	AM29LV004BB-XX E	5.6	M845
89CFA5	AM29LV004BT-XX E	5.6	M845
89EFA5	AM29LV004T-XX E,F	2.0	M842
89EF76	AM29LV010B-XX E,F	5.0	M841
19EF76	AM29LV010B-XX J	5.0	M822

89EFAB	AM29LV017B-XX E,F	2.0	M842
89EF78	AM29LV040B-XX E,F	5.0	M841
89EF80	AM29LV081-XX E,F	2.0	M842
89EFA8	AM29LV116BB-XX E,F	2.0	M842
89EFA9	AM29LV116BT-XX E,F	2.0	M842
89CF58	AM29LV160BB-XX E,F	2.1	M845
39CF58	Am29LV160BB-XX S	5.0	M835
A9CF58	AM29LV160BB-XX W	5.0	M881
89CF59	AM29LV160BT-XX E,F	2.1	M845
39CF59	Am29LV160BT-XX S	5.0	M835
A9CF59	AM29LV160BT-XX W	5.0	M881
89DF58	AM29LV160DB-XX E,F	5.0	M845
A9DF58	AM29LV160DB-XX W	5.0	M881
89DF59	AM29LV160DT-XX E,F	5.0	M845
A9DF59	AM29LV160DT-XX W	5.0	M881
89EF52	AM29LV200B-XX E,F	2.0	M845
39EF52	AM29LV200B-XX S	2.0	M835
89EF53	AM29LV200T-XX E,F	2.0	M845
39EF53	AM29LV200T-XX S	2.0	M835
89EF54	AM29LV400B-XX E,F	2.0	M845
39EF54	AM29LV400B-XX S	2.0	M835
89CF54	AM29LV400BB-XX E,F	2.0	M845
39CF54	AM29LV400BB-XX S	2.0	M835
89CF55	AM29LV400BT-XX E,F	2.0	M845
39CF55	AM29LV400BT-XX S	2.0	M835
89EF55	AM29LV400T-XX E,F	2.0	M845
39EF55	AM29LV400T-XX S	2.0	M835
89EF96	AM29LV800B-XX E,F	2.0	M845
39EF96	AM29LV800B-XX S	2.0	M835
89CF96	AM29LV800BB-XX E,F	2.0	M845
39CF96	AM29LV800BB-XX S	2.0	M835
89CF97	AM29LV800BT-XX E,F	2.0	M845
39CF97	AM29LV800BT-XX S	2.0	M835
89EF97	AM29LV800T-XX E,F	2.0	M845
39EF97	AM29LV800T-XX S	2.0	M835
89BF96	AM29SL800B B-XX E,F	2.1	M845
A9CF96	AM29LV800BB-XX WB	5.3	M883
89BF97	AM29SL800BT-XX E,F	2.1	M845
A9CF97	AM29LV800BT-XX WB	5.3	M883

MICROS

09FA18	D8751H-XX	1.0	M814
09FA19	D8753H-XX	1.0	M814
09FA08	D87C51-XX	1.0	M814
09FA0D	D87C521-XX	1.0	M814
09FA0E	D87C541-XX	1.0	M814
19FA08	N87C51-XX	1.0	M824
19FA0D	N87C521-XX	1.0	M824
9FA0E	N87C541-XX	1.0	M824

AMIC

Code	Device	Rev	Module
FLASH			
8D4ED2	A290021BV-XX	5.8	M841
0D4ED2	A290021B-XX	5.8	M811
1D4ED2	A290021BL-XX	5.8	M822
0D4ED3	A290021T-XX	5.8	M811
1D4ED3	A290021TL-XX	5.8	M822
8D4ED3	A290021TV-XX	5.8	M841
0D4FA2	A29002B-XX	5.8	M811
1D4FA2	A29002BL-XX	5.8	M822
8D4FA2	A29002BV-XX	5.8	M841
0D4FA3	A29002T-XX	5.8	M811
1D4FA3	A29002TL-XX	5.8	M822
0D4F78	A29040	5.8	M811
1D4F78	A29040L	5.8	M822
8D4F78	A29040V	5.8	M841

ATMEL

Code	Device	Rev	Module
EEPROM			
0FF5A3	AT24C01A-10P	2.0	M815
0FF5A4	AT24C02-10P	2.0	M815
0FF5A5	AT24C04-10P	2.0	M815
0FF5A6	AT24C08-10P	2.0	M815
0FF5AA	AT24C128-10P	5.1	M815
0FF5A7	AT24C16-10P	2.0	M815
0FE5A7	AT24C164-10P	5.0	M815
0FF5AB	AT24C256-10P	5.1	M815
0FF5A8	AT24C32 P	2.0	M815
0FF5A9	AT24C64 P	2.0	M815
0FF5B3	AT25C01-XX P	2.0	M815
0FF5B4	AT25C02-XX P	2.0	M815
0FF5B5	AT25C04-XX P	2.0	M815
0FF5B6	AT25080-10P	5.0	M815
0FF5B7	AT25160-10P	5.0	M815
0FF5B8	AT25320-10P	5.0	M815
0FF5B9	AT25640-10P	5.0	M815
0FFFC6	AT28C010-XX B,P	1.0	G,M811
1FFFC6	AT28C010-XX J	1.0	G,M822
8FFFC6	AT28C010-XX T	1.0	M841
0FEFCA	AT28C04(E,F)-XX D,P	1.0	G,M811
0FFDD6	AT28C1024-XX B	1.0	G,M812
0FEFC0	AT28C16-XX D,P	1.0	G,M811
1FEFC0	AT28C16-XX J	1.0	M821
0FEFCC	AT28C17-XX D,P	1.0	G,M811
1FEFCC	AT28C17-XX J	1.0	M821
0FEFC4	AT28C256(E)-XX D,P	1.0	G,M811
1FEFC4	AT28C256(E)-XX J	1.0	M821

0FEFC2	AT28C64-XX D,P	1.0	G,M811
1FEFC2	AT28C64-XX J	1.0	M821
0FFFC2	AT28C64B-XX D,P	1.0	G,M811
1FFFC2	AT28C64B-XX J	1.0	M821
0FFEC2	AT28PC64(E)-XX D,P	1.0	G,M811
1FFEC2	AT28PC64(E)-XX J	1.0	M821
0FF5C3	AT93C46-XXP	2.0	M815
0FF5C4	AT93C56-XXP	2.0	M815
0FF5C5	AT93C66-XXP	2.0	M815

EPROM

0FF327	AT17C128-10P	5.1	M815
0FF381	AT17C256-10P	5.1	M815
0FF273	AT17C65-10P	5.1	M815
1FFF36	AT27BV010-X X J	2.0	G,M822
8FFF36	AT27BV010-XX T	2.0	M841
1FFF37	AT27BV020-XX J	2.0	G,M822
8FFF37	AT27BV020-XX T	2.0	M841
1FFF38	AT27BV040-XX J	2.0	G,M822
8FFF38	AT27BV040-XX T	2.0	M841
0FFF34	AT27BV256R-XX D,P	2.0	G,M811
1FFF34	AT27BV256R-XX J	2.0	G,M822
0FFF35	AT27BV512R-XX D,P	2.0	G,M811
1FFF35	AT27BV512R-XX J	2.0	G,M822
1FFFD9	AT27BV800-XX J	5.6	M825
3FFFD9	AT27BV800-XX R	5.6	M839
0FFF40	AT27BV/LV1024-XX D,P	5.1	M812
1FFF40	AT27BV/LV1024-XX J	5.1	M823
0FF0F6	AT27C010(L)-XX D,P	1.0	G,M811
1FF0F6	AT27C010(L)-XX J	1.0	G,M822
8FF0F6	AT27C010-XX T	1.0	M841
0FF0F7	AT27C020-XX D,P	1.0	G,M811
8FF0F7	AT27C020-XX T	1.0	M841
1FF0F7	AT27C020-XXJ	1.0	G,M822
0FF0F8	AT27C040-XX D,P	1.0	G,M811
1FF0F8	AT27C040-XX J	1.0	G,M822
8FF0F8	AT27C040-XX T	1.0	M841
0FF0F9	AT27C080-XX D,P	1.0	G,M811
1FF0F9	AT27C080-XX J	1.0	G,M822
8FF0F9	AT27C080-XX T	1.0	M841
0FF0D6	AT27C1024(L)-XX D,P	1.0	G,M812
1FF0D6	AT27C1024(L)-XX J	1.0	M823
0FE0F3	AT27C128-XX D,P	1.0	G,M811
1FE0F3	AT27C128-XX J	1.0	M821
0FF0D7	AT27C2048-XX D,P	1.0	G,M812
1FF0D7	AT27C2048-XX J	1.0	M823
0FE0F4	AT27C256-XX D,P	1.0	G,M811
1FE0F4	AT27C256-XX J	1.0	M821
0FF0F4	AT27C256R-XX D,P	1.0	G,M811
1FF0F4	AT27C256R-XX J	1.0	M821
8FF0F5	AT27C512R-XX T	5.0	M8410
0FF0D8	AT27C4096-XX D,P	1.0	G,M812
1FF0D8	AT27C4096-XX J	1.0	M823
0FE0F5	AT27C512-XX D,P	1.0	G,M811
1FE0F5	AT27C512-XX J	1.0	M821
0FF0F5	AT27C512R-XX D,P	1.0	G,M811
1FF0F5	AT27C512R-XX J	1.0	M821
1FEFD9	AT27C800-XX J	5.6	M825
3FEFD9	AT27C800-XX R	5.6	M839
0FF0B6	AT27HC1024-XX D	1.0	G,M812
1FF0B6	AT27HC1024-XX J	1.0	M823
0FE0C4	AT27HC256(L)-XX D,P	1.0	G,M811
1FE0C4	AT27HC256(L)-XX J	1.0	M821
0FF0C4	AT27HC256R(L)-XX D,P	1.0	G,M811
1FF0C4	AT27HC256R(L)-XX J	1.0	M821
0FE0C2	AT27HC64(L)-XX D,P	1.0	G,M811
0FFF36	AT27LV010-XX D,P	1.0	G,M811
1FFF36	AT27LV010-XX J	1.0	G,M822
8FFF36	AT27LV010-XX T	1.0	M841
0FEF36	AT27LV010A-XX D,P	5.0	M811
1FEF36	AT27LV010A-XX J	5.0	M822
8FEF36	AT27LV010A-XX T	5.0	M841
0FFF37	AT27LV020-XX D,P	1.0	G,M811
1FFF37	AT27LV020-XX J	1.0	G,M822
8FFF37	AT27LV020-XX T	1.0	M841
0FFF38	AT27LV040-XX D,P	1.0	G,M811
1FFF38	AT27LV040-XX J	1.0	G,M822
8FFF38	AT27LV040-XX T	1.0	M841
0FEF38	AT27LV040A-XX D,P	5.0	M811
1FEF38	AT27LV040A-XX J	5.0	M822
8FEF38	AT27LV040A-XX T	5.0	M841
0FFF39	AT27LV080-XX D,P	1.0	G,M811
8FFF39	AT27LV080-XX T	1.0	M841
0FFF40	AT27LV1024-XX D,P	1.0	G,M812
1FFF40	AT27LV1024-XX J	1.0	M823
0FEF34	AT27LV256A-XX D,P	5.0	M811
1FEF34	AT27LV256A-XX J	5.0	M821
8FEF34	AT27LV256A-XX T	5.0	M8410
0FFF34	AT27LV256R-XX D,P	1.0	G,M811
1FFF34	AT27LV256R-XX J	1.0	M821
0FFF42	AT27LV4096-XX D,P	1.0	G,M812
1FFF42	AT27LV4096-XX J	1.0	M823
1FEF35	AT27LV512A-XX J	3.1	M821
8FEF35	AT27LV512A-XX T	3.1	M8410
0FFF35	AT27LV512R-XX D,P	1.0	G,M811
1FFF35	AT27LV512R-XX J	1.0	M821

FLASH

0FFFE6	AT29C010-XX D,P	1.0	G,M811
1FFFE6	AT29C010-XX J	1.0	G,M822
8FFFE6	AT29C010-XX T	1.0	M841
0FEFE6	AT29C010A-XX D,P	1.0	G,M811
1FEFE6	AT29C010A-XX J	1.0	G,M822
8FEFE6	AT29C010A-XX T	1.0	M841
0FFFE7	AT29C020-XX D,P	1.0	G,M811
1FFFE7	AT29C020-XX J	1.0	G,M822
8FFFE7	AT29C020-XX T	1.0	M841
0FFFE8	AT29C040-XX D,P	1.0	G,M811

0FEFE8	AT29C040A-XX D,P	1.0	G,M811
8FEFE8	AT29C040A-XX T	5.0	M841
1FEF60	AT29C1024-XX H	5.3	M823
0FFFE0	AT29C256-XXD,P	5.1	G,M811
1FFFE0	AT29C256-XXJ	5.1	M821
0FFFE4	AT29C257-XX D,P	1.0	G,M811
1FFFE4	AT29C257-XX J	1.0	M822
0FFFE5	AT29C512-XX D,P	1.0	G,M811
1FFFE5	AT29C512-XX J	1.0	G,M822
8FFFE5	AT29C512-XX T	1.0	M841
0FFFEC	AT29LV010-XX D,P	1.0	G,M811
1FFFEC	AT29LV010-XX J	1.0	G,M822
8FFFEC	AT29LV010-XX T	1.0	M841
0FFFED	AT29LV020-XX D,P	1.0	G,M811
1FFFED	AT29LV020-XX J	1.0	G,M822
8FFFED	AT29LV020-XX T	1.0	M841
0FFFEE	AT29LV040-XX D,P	1.0	G,M811
0FEFEE	AT29LV040A-XX D,P	1.0	G,M811
8FEFEE	AT29LV040A-XX T	5.7	M841
0FFFEA	AT29LV256-XX D,P	1.0	G,M811
1FFFEA	AT29LV256-XX J	1.0	M821
0FFFEB	AT29LV512-XX D,P	1.0	G,M811
1FFFEB	AT29LV512-XX J	1.0	G,M822
8FFFEB	AT29LV512-XX T	1.0	M841
8FF1A7	AT45D021 T	5.6	M8415
8FF1A8	AT45D041 T	5.6	M8415
8FE1A7	AT45DB021 T	5.6	M8415
8FE1A8	AT45DB041 T	5.6	M8415
1FEFA0	AT49BV001(N)-XX J	5.4	M822
0FEFA0	AT49BV001(N)-XX P	5.4	M811
8FEFA0	AT49BV001(N)-XX T	5.4	M841
FFEFA0	AT49BV001(N)-XX V	5.4	M8414
1FEFA1	AT49BV001(N)T-X J	5.4	M822
0FEFA1	AT49BV001(N)T-X P	5.4	M811
8FEFA1	AT49BV001(N)T-X T	5.4	M841
FFEFA1	AT49BV001(N)T-X V	5.4	M8414
1FEFA2	AT49BV002(N)-XX J	5.6	G,M822
0FEFA2	AT49BV002(N)-XX P	5.6	G,M811
8FEFA2	AT49BV002(N)-XX T	5.6	M841
FFEFA2	AT49BV002(N)-XX V	5.6	M8414
1FEFA3	AT49BV002(N)T-X J	5.6	G,M822
0FEFA3	AT49BV002(N)T-X P	5.6	G,M811
8FEFA3	AT49BV002(N)T-X T	5.6	M841
FFEFA3	AT49BV002(N)T-X V	5.6	M8414
1FEF76	AT49BV010 J	2.0	G,M822
8FEF76	AT49BV010 T	2.0	M841
1FEF77	AT49BV020 J	2.0	G,M822
8FEF77	AT49BV020 T	2.0	M841
1FEF78	AT49BV040 J	2.0	G,M822
8FEF78	AT49BV040 T	2.0	M841
8FEF79	AT49BV080-XX T	2.0	M843
8FEF69	AT49BV1604-XX TC	5.0	M845
8FEF6A	AT49BV1604T-XX TC	5.0	M845
8FEF58	AT49BV1614-XX TC	5.0	M845
8FEF59	AT49BV1614T-XX TC	5.0	M845
8FDF58	AT49BV1618-XX TC	5.0	M845
8FDF59	AT49BV1618T-XX TC	5.0	M845
3FEF52	AT49BV2048-XX R	2.0	M835
8FEF52	AT49BV2048-XX T	2.0	M845
3FEF54	AT49BV4096-XX R	2.0	M835
8FEF54	AT49BV4096-XX T	2.0	M845
1FFFA0	AT49F001(N)-XX J	3.1	G,M822
0FFFA0	AT49F001(N)-XX P	3.1	G,M811
8FFFA0	AT49F001(N) -XX T	3.1	M841
1FFFA1	AT49F001(N)T-XX J	3.1	G,M822
0FFFA1	AT49F001(N)T-XX P	3.1	G,M811
8FFFA1	AT49F001(N)T-XX T	3.1	M841
1FFFA2	AT49F002(N)-XX J	5.0	G,M822
0FFFA2	AT49F002(N)-XX P	5.0	G,M811
8FFFA2	AT49F002(N)-XX T	5.0	M841
1FFFA3	AT49F002(N)T-XX J	5.0	G,M822
0FFFA3	AT49F002(N)T-XX P	5.0	G,M811
8FFFA3	AT49F002(N)T-XX T	5.0	M841
1FFF76	AT49F010-XX J	2.0	G,M822
0FFF76	AT49F010-XX P	2.0	G,M811
8FFF76	AT49F010-XX T	2.0	M841
1FFF77	AT49F020-XX J	2.0	G,M822
0FFF77	AT49F020-XX P	2.0	G,M811
8FFF77	AT49F020-XX T	2.0	M841
1FFF78	AT49F040-XX J	2.0	G,M822
0FFF78	AT49F040-XX P	2.0	G,M811
8FFF78	AT49F040-XX T	2.0	M841
8FFF79	AT49F080-XX T	2.0	M843
1FFF51	AT49F1025-XX J	2.0	M823
8FFF69	AT49F1604-XX TC	5.1	M845
8FFF6A	AT49F1604T-XX TC	5.1	M845
8FFF58	AT49F1614-XX TC	5.1	M845
8FFF59	AT49F1614T-XX TC	5.1	M845
8FCF58	AT49F1618-XX TC	5.1	M845
8FCF59	AT49F1618T-XX TC	5.1	M845
1FFF75	AT49F512-XX J	5.6	M822
0FFF75	AT49F512-XX P	5.6	M811
8FFF75	AT49F512-XX T	5.6	M841
3FFF52	AT49F2048-XX R	2.0	M835
8FFF52	AT49F2048-XX T	2.0	M845
3FFF54	AT49F4096-XX R	2.0	M835
8FFF54	AT49F4096-XX T	2.0	M845
3FFF56	AT49F8192-XX R	5.2	M835
8FFF56	AT49F8192-XX T	5.2	M845
3FDF56	AT49F8192A-XX R	5.2	M835
8FDF56	AT49F8192A-XX T	5.2	M845
3FDF57	AT49F8192AT-XX R	5.2	M835
8FDF57	AT49F8192AT-XX T	5.2	845
3FFF57	AT49F8192T-XX R	5.2	M835
8FFF57	AT49F8192T-XX T	5.2	M845
1FEFA0	AT49LV001(N)-XX J	5.4	M822
0FEFA0	AT49LV001(N)-XX P	5.4	M811
8FEFA0	AT49LV001(N)-XX T	5.4	M841

FFEFA0	AT49LV001(N)-XX V	5.4	M8414
1FEFA1	AT49LV001(N)T-X J	5.4	M822
0FEFA1	AT49LV001(N)T-X P	5.4	M811
8FEFA1	AT49LV001(N)T-X T	5.4	M841
FFEFA1	AT49LV001(N)T-X V	5.4	M8414
1FEFA2	AT49LV002(N)-XX J	5.6	G,M822
0FEFA2	AT49LV002(N)-XX P	5.6	G,M811
8FEFA2	AT49LV002(N)-XX T	5.6	M841
FFEFA2	AT49LV002(N)-XX V	5.6	M8414
1FEFA3	AT49LV002(N)T-X J	5.6	G,M822
0FEFA3	AT49LV002(N)T-X P	5.6	G,M811
8FEFA3	AT49LV002(N)T-X T	5.6	M841
FFEFA3	AT49LV002(N)T-X V	5.6	M8414
1FEF76	AT49LV010 J	2.0	G,M822
8FEF76	AT49LV010 T	2.0	M841
1FEF77	AT49LV020 J	2.0	G,M822
8FEF77	AT49LV020 T	2.0	M841
1FEF78	AT49LV040 J	2.0	G,M822
8FEF78	AT49LV040 T	2.0	M841
3FEF52	AT49LV2048-XX R	2.0	M835
8FEF52	AT49LV2048-XX T	2.0	M845
3FEF54	AT49LV4096-XX R	2.0	M835
8FEF54	AT49LV4096-XX T	2.0	M845

MICROS

7FFA08	AT87F51-XX A	5.7	M897
1FFA08	AT87F51-XX J	5.7	M824
0FFA08	AT87F51-XX P	5.7	M814
1FFA09	AT87F52-XX J	5.0	M824
0FFA09	AT87F52-XX P	5.0	M814
0FFA80	AT89C1051-XX D,P	2.0	M819
0FFA81	AT89C2051-XX D,P	2.0	M819
0FFA83	AT89C4051-XX P	5.3	M819
FFFA82	AT89S8252-XX QC	2.0	M871
0FFA00	AT89C51 D,P	1.0	M814
1FFA00	AT89C51 J	1.0	M824
0FFA01	AT89C52-XX D,P	1.0	M814
1FFA01	AT89C52-XX J	1.0	M824
1FFA0E	AT89C55-XX J	1.0	M824
0FFA0E	AT89C55-XX P	1.0	M814
1FEA00	AT89LV51-XX J	1.0	M824
0FEA00	AT89LV51-XXPC	1.0	M814
1FEA01	AT89LV52-XXJ	1.0	M824
0FEA01	AT89LV52-XXP	1.0	M814
1FFA0C	AT89S53-XX J	1.0	M824
0FFA0C	AT89S53-XX PC	1.0	M814
1FFA0D	AT89S8252-XX JC	1.0	M824
0FFA0D	AT89S8252-XX PC	1.0	M814
0FFA88	AT90S1200-XX PC	2.0	M819

BRIGHT

1C0F78	BM29F040-XX A	5.1	M822
0C0F78	BM29F040-XX N	5.1	M811
8C0F78	BM29F040-XX T	5.1	M841
3C0F54	BM29F400B-XX P	5.1	M835
8C0F54	BM29F400B-XX T	5.1	M845
3C0F55	BM29F400T-XX P	5.1	M835
8C0F55	BM29F400T-XX T	5.1	M845

CATALYST

Code	Device	Rev	Module

EEPROM

0D75A3	CAT24C01 P	2.1	M815
0D75A4	CAT24C02(A)(I)	2.0	M815
0D75A5	CAT24C04(I)	2.0	M815
0D75A6	CAT24C08(I)	2.0	M815
0D75A7	CAT24C16(I)	2.0	M815
0D75A8	CAT24C32(I)	2.0	M815
0D75A9	CAT24C64 P	5.4	M815
0D73A4	CAT24LC02(A)(I)	2.0	M815
0D73A5	CAT24LC04(I)	2.0	M815
0D73A6	CAT24LC08(I)	2.0	M815
0D73A7	CAT24LC16(I)	2.0	M815
0D73A8	CAT24LC32(I)	2.0	M815
0D75A3	CAT24WC01 P	2.1	M815
0D75A4	CAT24WC02 P	2.1	M815
0D75A5	CAT24WC04 P	2.1	M815
0D75A6	CAT24WC08 P	2.1	M815
0D75A7	CAT24WC16 P	2.1	M815
0D75AB	CAT24WC256P	5.1	M815
0D75A8	CAT24WC32 P	2.1	M815
0D75A9	CAT24WC64 P	5.4	M815
0D75B4	CAT25C02 P	5.4	M815
0D75B5	CAT25C04 P	5.4	M815
0D75B6	CAT25C08 P	5.4	M815
0D75BA	CAT25C128 P	5.4	M815
0D75B7	CAT25C16 P	5.4	M815
0D75BB	CAT25C256 P	5.4	M815
0D75B8	CAT25C32 P	5.4	M815
0D75B9	CAT25C64 P	5.4	M815
0D7FC0	CAT28C16A (I)-XX D,P	1.0	G,M811
1D7FC0	CAT28C16A(I)-XX N	1.0	M821
0D7FC4	CAT28C256(I)-XX D,P	1.0	G,M811
0D7FC2	CAT28C64A-XX D,P	1.0	G,M811
1D7FC2	CAT28C64A-XX N	1.0	M821
0D73C3	CAT33C101 32C101 D	2.0	M815
0D73C5	CAT33C104 D	2.0	M815
0D73C6	CAT33C108 D	2.0	M815
0D73C7	CAT33C116 D	2.0	M815
0D75C5	CAT35C104 D	2.0	M815
0D75C6	CAT35C108	2.0	M815
0D75C7	CAT35C116 D	2.0	M815
0D75C3	CAT93C46(A) P	2.1	M815
0D75C4	CAT93C56(A) P	2.1	M815
0D65C5	CAT93C66(A) P	2.1	M815
0D65C7	CAT93C86(A) P	2.1	M815

0D73C4	CAT93LC56 D	2.0	M815

EPROM

0D70E3	CAT27128A D	1.0	G,M811
0D70E4	CAT27256 D	1.0	G,M811
0D70E5	CAT27512 D	1.0	G,M811
0D70E2	CAT2764A D	1.0	G,M811
0D70D6	CAT27C210-XX D	1.0	G,M812
1D70D6	CAT27C210-XX N	1.0	M823

FLASH

0D7FE6	CAT28F010-XX D	1.0	G,M811
1D7FE6	CAT28F010-XX N	1.0	G,M822
8D7FE6	CAT28F010T-XX	1.0	M841
1D7FE7	CAT28F020(I)-XX N	1.0	G,M822
0D7FE7	CAT28F020(I)-XX P	1.0	G,M811
8D7FE7	CAT28F020T-XX	1.0	M841
1D7F66	CAT28F102N	1.0	M823
0D7F66	CAT28F102P	1.0	M812
0D6FE6	CAT29F010-XX P	2.0	G,M811

CYPRESS

Code	Device	Rev	Module

EPROM

12F0F6	CY27C010-XX JC	5.8	M822
02F0F6	CY27C010-XX PC	5.8	M811
82F0F6	CY27C010-XX ZC	5.8	M841
12F0F3	CY27C128-XX J	1.0	M821
02F0F3	CY27C128-XX P,W	1.0	G,M811
12F0F4	CY27C256-XX J	1.0	M821
02F0F4	CY27C256-XX P,W	1.0	G,M811
12F0E4	CY27C256A-XX J	1.0	M821
02F0E4	CY27C256A-XX P,W	1.0	G,M811
02F0E5	CY27C512-XX D,W	1.0	G,M811
12F0E5	CY27C512-XX J	1.0	M821
12C0F6	CY27H010-XX J	1.0	G,M822
02C0F6	CY27H010-XX P,W	1.0	G,M811
82C0F6	CY27H010-XX Z	1.0	M841
12C0F5	CY27H512-XX J	1.0	G,M822
02C0F5	CY27H512-XX P,W	1.0	G,M811

PROM

02FFBA	CY7C271-XX D,P	1.0	G,M811

DALLAS SEMICONDUCTOR

Code	Device	Rev	Module

MICROS

008A02	DS87C520-M	1.0	M814
108A02	DS87C520-Q	1.0	M824

EON

Code	Device	Rev	Module

FLASH

1E0FA2	EN29F002(N)B-XX J	5.6	G,M822
0E0FA2	EN29F002(N)B-XX P	5.6	G,M811
8E0FA2	EN29F002(N)B-XX T	5.6	M841
1E0FA3	EN29F002(N)T-XX J	5.6	G,M822
0E0FA3	EN29F002(N)T-XX P	5.6	G,M811
8E0FA3	EN29F002(N)T-XX T	5.6	M841
1E0F78	EN29F040-XX J	5.8	M822
0E0F78	EN29F040-XX P	5.8	M811
8E0F78	EN29F040-XX T	5.8	M841

EXEL

Code	Device	Rev	Module

EEPROM

0073A3	XL24C01A P	2.0	M815
0075A3	XL24C01A P	2.0	M815
0072A4	XL24C02 P	2.0	M815
0075A4	XL24C02 P	2.0	M815
0073A5	XL24C04 P	2.0	M815
0075A5	XL24C04 P	2.0	M815
0073A6	XL24C08 P	2.0	M815
0075A6	XL24C08 P	2.0	M815
0073A7	XL24C16 P	2.0	M815
0075A7	XL24C16 P	2.0	M815
006EC0	XL2816A P	1.0	G,M811
006EC2	XL2864A P	1.0	G,M811
006FC0	XL28C16A P	1.0	G,M811
007FC0	XL28C16B P	1.0	G,M811
106FC2	XL28C64 D	1.0	M821
006FC2	XL28C64 P	1.0	G,M811
106EC2	XL28C64A D	1.0	M821
107FC2	XL28C64B D	1.0	M821
007FC2	XL28C64B P	1.0	G,M811
0075F3	XL93CS46 P	2.0	M815
0073F3	XL93CS46-3 P	2.0	M815
0075C1	XL93LC06A P	2.0	M815
0073C3	XL93LC46 P	2.0	M815
0075C3	XL93LC46A	2.0	M815
0073C4	XL93LC56 P	2.0	M815
0075C4	XL93LC56A P	2.0	M815
0073C5	XL93LC66 P	2.0	M815
0075C5	XL93LC66A P	2.0	M815

FLASH

107FE6	XL28F010 D	1.0	G,M822

007FE6	XL28F010 P	1.0	G,M811
107FE7	XL28F020 D	1.0	G,M822
007FE7	XL28F020 P	1.0	G,M811

FUJITSU

Code	Device	Rev	Module
EPROM			
0AE0E3	MBM27128-XX Z	1.0	G,M811
0AE0E0	MBM2716(H)	1.0	G,M811
0AE0E4	MBM27256-XX Z	1.0	G,M811
0AE0E2	MBM2764-XX Z	1.0	G,M811
0AEFF6	MBM27C1000-XX Z	1.0	G,M811
0AE0F3	MBM27C128-XX Z	1.0	G,M811
0AF0D7	MBM27C2048-XX	1.0	G,M812
0AE0F4	MBM27C256A-XX Z	1.0	G,M811
0AE0F1	MBM27C32A	1.0	G,M811
0AE0F8	MBM27C4001-XX	1.0	G,M811
0AE0F2	MBM27C64-XXZ	1.0	G,M811
0AE0F6	MCM27C1001-XX Z	1.0	G,M811
0AE0D6	MCM27C1024-XX Z	1.0	G,M812
0AE0F5	MCM27C512-XX Z	1.0	G,M811
0AF0D8	MSM27C4096-XX Z	1.0	G,M812
FLASH			
0AFFE6	MBM28F010-XX	2.0	G,M811
8AFF00	MBM29DL161BD-XX PFTN	requires M845	
8AFF01	MBM29DL161TD-XX PFTN	5.3	M845
8AFF9C	MBM29DL162BD-XX PFTN	5.3	M845
8AFF9D	MBM29DL162TD-XX PFTN	5.3	M845
8AFF9E	MBM29DL163BD-XX PFTN	5.3	M845
8AFF9F	MBM29DL163TD-XX PFTN	5.3	M845
8AFF02	MBM29DL164BD-XX PFTN	5.3	M845
8AFF03	MBM29DL164TD-XX PFTN	5.3	M845
8AEE63	MBM29DL400BC-XX PFTN	5.3	M845
8AEE64	MBM29DL400TC-XX PFTN	5.3	M845
8AEF9A	MBM29DL800B-XX E,F	2.0	M845
3AEF9A	MBM29DL800B-XX S	2.0	M835
8AEF9B	MBM29DL800T-XX E,F	2.0	M845
3AEF9B	MBM29DL800T-XX S	2.0	M835
8AFFA2	MBM29F002B-X PFTN/R	2.0	M841
1AFFA2	MBM29F002B-XX PD	2.0	G,M822
9AFFA2	MBM29F002SB-X PFTN/R	2.0	M842
9AFFA3	MBM29F002ST-X PFTN/R	2.0	M842
8AFFA3	MBM29F002T-X PFTN /R	2.0	M841
1AFFA3	MBM29F002T-XX PD	2.0	G,M822
8AEF7A	MBM29F016 PFTN,PFTR	2.0	M846
8AFF7A	MBM29F016-XX PFTN/R	2.0	M846
0AFF78	MBM29F040A-XX P	2.0	G,M811
1AFF78	MBM29F040A-XX PD	2.0	G,M822
8AFF78	MBM29F040A-XX PFTN/R		2.0 M841
8AFF79	MBM29F080-XX PFTN/R	2.0	M843
FAFF79	MBM29F080A-XX PFTN/R	5.0	M846
8AFF79	MBM29F080A-XX PTN/R	5.0	M843
3AFF52	MBM29F200B(A) PF	2.0	M835
8AFF52	MBM29F200B(A) PFTN/R	2.0	M845
3AFF53	MBM29F200T(A) PF	2.0	M835
8AFF53	MBM29F200T(A) PFTN/R	2.0	M845
8AFF54	MBM29F400B(A) PFTN/R	2.0	M845
3AFF54	MBM29F400B(A)-XX PF	2.0	M835
3AFF55	MBM29F400T(A) PF	2.0	M835
8AFF55	MBM29F400T(A) PFTN/R	2.0	M845
3AFF96	MBM29F800B-XX PF	2.0	M835
8AFF96	MBM29F800B-XX PFTN/R		2.0 M845
3AFF97	MBM29F800T-XX PF	2.0	M835
8AFF97	MBM29F800T-XX PFTN/R		2.0 M845
8AEFA2	MBM29LV002B PFTN/R	2.0	M841
1AEFA2	MBM29LV002B-XX PD	2.0	G,M822
9AEFA2	MBM29LV002SB PFTN/R	2.0	M842
9AEFA3	MBM29LV002ST PFTN/R	2.0	M842
8AEFA3	MBM29LV002T PFTN/R	2.0	M841
1AEFA3	MBM29LV002T-XX PD	2.0	G,M822
8AEFA4	MBM29LV004B-X PFTN/R		2.0 M842
8AEFA5	MBM29LV004T-X PFTN/R		2.0 M842
8AEFA7	MBM29LV008B-X PFTN/R		2.0 M842
8AEFA6	MBM29LV008T-X PFTN/R		2.0 M842
8AEF80	MBM29LV080-X PFTN/R	2.0	M842
8AEF58	MBM29LV160B-X PFTN/R		2.1 M845
8AEF59	MBM29LV160T-X PFTN/R		2.1 M845
3AEF52	MBM29LV200B PF	2.0	M835
8AEF52	MBM29LV200B PFTN/R	2.0	M845
3AEF53	MBM29LV200T PF	2.0	M835
8AEF53	MBM29LV200T PFTN/R	2.0	M845
8AEF54	MBM29LV400B-X PFTN/R		2.0 M845
3AEF54	MBM29LV400B-XX PF	2.0	M835
8AEF55	MBM29LV400T-X PFTN/R		2.0 M845
3AEF55	MBM29LV400T-XX PF	2.0	M835
8AEF96	MBM29LV800B-X PFTN/R		2.0 M845
3AEF96	MBM29LV800B-XX PF	2.0	M835
8AEF97	MBM29LV800T-X PFTN/R		2.0 M845
3AEF97	MBM29LV800T-XX PF	2.0	M835
8ADF96	MBM29SL800B-X PFTN/R		2.1 M845

8ADF97	MBM29SL800T-X PFTN/R	2.1	M845

HITACHI

Code	Device	Rev	Module
EEPROM			
0BFFC4	HN58C256P-XX	1.0	G,M811
0BFFC2	HN58C65P-XX	1.0	G,M811
EPROM			
0BE0E5	HN27512 G,P -XX	1.0	G,M811
0BE0F6	HN27C101 G,P -XX	1.0	G,M811
0BF0F6	HN27C101A G,P -XX	1.0	G,M811
1BF0D6	HN27C1024HCC-XX	1.0	G,M812
0BF0D6	HN27C1024HG-XX	1.0	M823
0BF0F4	HN27C256AG-XX	1.0	G,M811
0BE0F4	HN27C256HG-XX	1.0	G,M811
0BFFF6	HN27C301(A)G-XX	1.0	G,M811
0BF0F8	HN27C4001G-XX	5.3	M811
1BF0D8	HN27C4096(A)CC-XX	1.0	M823
0BF0D8	HN27C4096(A)G-XX	1.0	G,M812
0BE0F5	HN27C512G-XX	1.0	G,M811
0BE0F2	HN27C64(G)	1.0	G,M811
0BE0E8	HN462532	1.0	G,M811
0BE0E0	HN462716	1.0	G,M811
0BE0E1	HN462732(G)-X	1.0	G,M811
0BE0E3	HN4827128G-XX	1.0	G,M811
0BE0E2	HN482764(G)	1.0	G,M811
FLASH			
1BFFE6	HN28F101CP-XX	1.0	G,M822
0BFFE6	HN28F101P-XX	1.0	G,M811
3BEF96	HN29WB800FP-XX	2.0	M835
8BEF96	HN29WB800T,R-XX	2.0	M845
3BEF97	HN29WT800FP-XX	2.0	M835
8BEF97	HN29WT800T,R-XX	2.0	M845
MICRO			
7BFD86	HD6473094TE	3.0	M877

HYUNDAI

Code	Device	Rev	Module
EPROM			
160FA2	HY29F002BC-XX	5.4	M822
060FA2	HY29F002BP-XX	5.4	M811
860FA2	HY29F002BT-XX	5.4	M841
160FA3	HY29F002TC-XX	5.4	M822
060FA3	HY29F002TP-XX	5.4	M811
860FA3	HY29F002TT-XX	5.4	M841
162F7D	HY29F040AC-XX	5.6	G,M822
062F7D	HY29F040AP-XX	5.6	G,M811
862F7D	HY29F040AT-XX	5.6	M841
160F7D	HY29F040C-X	5.4	M822
060F7D	HY29F040P XX	5.4	M811
860F7D	HY29F040T-XX	5.4	M841
360F79	HY29F080G-XX	5.0	M813 & 69-0395
860F79	HY29F080T-XX	5.0	M843
360F96	HY29F800BG-XX	5.4	M835
860F96	HY29F800BT-XX	5.4	M845
360F97	HY29F800TG-XX	5.4	M835
860F97	HY29F800TT-XX	5.4	M845
861F58	HY29LV160BT-XX	5.8	M845
861F59	HY29LV160TT-XX	5.8	M845
MICRO			
030A08	GMS97C51	5.7	M814
130A08	GMS97C51 PL	5.7	M824
730A08	GMS97C51 Q	5.7	M871
030A1C	GMS97C52	5.7	M814
130A1C	GMS97C52 PL	5.7	M824
030A1A	GMS97C54	5.7	M814
130A1A	GMS97C54 PL	5.7	M824
730A1A	GMS97C54 Q	5.7	M871
030ADD	GMS97C56	5.7	M814
130ADD	GMS97C56 PL	5.7	M824
730ADD	GMS97C56 Q	5.7	M871
030A1B	GMS97C58	5.7	M814
130A1B	GMS97C58 PL	5.7	M824
730A1B	GMS97C58 Q	5.7	M871
031A08	GMS97L51	5.7	M814
131A08	GMS97L51 PL	5.7	M824
731A08	GMS97L51 Q	5.7	M871
031A1C	GMS97L52	5.7	M814
131A1C	GMS97L52 PL	5.7	M824
731A1C	GMS97L52 Q	5.7	M871
031A1A	GMS97L54	5.7	M814
131A1A	GMS97L54 PL	5.7	M824
731A1A	GMS97L54 Q	5.7	M871
031ADD	GMS97L56	5.7	M814
131ADD	GMS97L56 PL	5.7	M824
731ADD	GMS97L56 Q	5.7	M871
031A1B	GMS97L58	5.7	M814
131A1B	GMS97L58 PL	5.7	M824
731A1B	GMS97L58 Q	5.7	M871

ICT

Code	Device	Rev	Module
EPROM			
0960F6	27CX010C-XX	1.0	G,M811

0960F4	27CX256C-XX	1.0	G,M811

INFINEON

Code	Device	Rev	Module
MICROS			
755A1C	SAB-C501G-1EM	2.0	M871
155A1C	SAB-C501G-1EN	1.0	M824
055A1C	SAB-C501G-1EP	1.0	M814

INTEL

Code	Device	Rev	Module
EPROM			
06F0E3	D27128	1.0	G,M811
06E0E3	D27128A	1.0	G,M811
06E0F3	D27128B	1.0	G,M811
06E0E0	D2716-XX	1.0	G,M811
06E0E4	D27256-XX	1.0	G,M811
06F0E1	D2732	1.0	G,M811
06E0E1	D2732A-XX	1.0	G,M811
06E0E5	D27512-XX	1.0	G,M811
06EEF5	D27513-XX	2.1	G,M811
06E0F2	D2764	1.0	G,M811
06E0E2	D2764A-XX	1.0	G,M811
06F0F6	D27C010-XX	1.0	G,M811
06F0C6	D27C010A	1.0	G,M811
06F0F7	D27C020-XX	1.0	G,M811
06F0F8	D27C040-XX	1.0	G,M811
06FFF6	D27C100-XX	1.0	G,M811
06F0F3	D27C128	1.0	G,M811
06F0D6	D27C210-XX	1.0	G,M812
06F0D7	D27C220-XX	1.0	G,M812
06F0D8	D27C240-XX	1.0	G,M812
06F0F4	D27C256-XX	1.0	G,M811
06FFD8	D27C400-XX	1.0	M813
06F0F5	D27C512-XX	1.0	G,M811
06FEF5	D27C513	2.1	G,M811
06F0F2	D27C64	1.0	G,M811
06F0A5	D87C257	1.0	G,M811
16F0F6	N27C010-XX	1.0	G,M822
16F0F7	N27C020-XX	1.0	G,M822
16F0D6	N27C210-XX	1.0	M823
16F0D7	N27C220-XX	1.0	M823
16F0F5	N27C512	1.0	M821
06F0E4	P27256-XX	1.0	G,M811
16F0F4	P27C256-XX	1.0	G,M811
FLASH			
36CF8E	DA28F320J5-XX	5.2	M838
36CF8F	DA28F640J5-XX	5.2	M838
86FF8B	DD28F032SA-XX	2.0	M849
36FF18	DT28F160F3B	5.1	M837
36FF19	DT28F160F3T	5.1	M837
36FF16	DT28F800F3B	5.1	M837
36FF17	DT28F800F3T	5.1	M837
86EFA2	E,F 28F002BL-B	2.0	M842
86EFA3	E,F 28F002BL-T	2.0	M842
86DFA2	E,F 28F002BV-B	2.0	M842
86DFA3	E,F 28F002BV-T	2.0	M842
86FFA2	E,F 28F002BX-B	2.0	M842
86FFA3	E,F 28F002BX-T	2.0	M842
86EFA4	E,F 28F004BL-B	2.0	M842
86EFA5	E,F 28F004BL-T	2.0	M842
86DFA4	E,F 28F004BV-B	2.0	M842
86DFA5	E,F 28F004BV-T	2.0	M842
86FFA4	E,F 28F004BX-B	2.0	M842
86FFA5	E,F 28F004BX-T	2.0	M842
86FF89	E,F 28F008SA	2.0	M843
86EF92	E,F 28F200BL-B	2.0	M848
86EF93	E,F 28F200BL-T	2.0	M848
86DF92	E,F 28F200BV-B	2.0	M848
86DF93	E,F 28F200BV-T	2.0	M848
86FF92	E,F 28F200BX-B	2.0	M848
86FF93	E,F 28F200BX-T	2.0	M848
F6DF92	E,F 28F200CV-B	2.0	M845
F6DF93	E,F 28F200CV-T	2.0	M845
86EF94	E,F 28F400BL-B	2.0	M848
86EF95	E,F 28F400BL-T	2.0	M848
86DF94	E,F 28F400BV-B	2.0	M848
86DF95	E,F 28F400BV-T	2.0	M848
86FF94	E,F 28F400BX-B	2.0	M848
86FF95	E,F 28F400BX-T	2.0	M848
F6DF94	E,F 28F400CV-B	2.0	M845
F6DF95	E,F 28F400CV-T	2.0	M845
F6BF96	E,F28F800B3-B	5.0	M845
F6BF97	E,F28F800B3-T	5.0	M845
86FFE6	E,F28F010-XX	2.0	M841
86FFE7	E,F28F020-XX	2.0	M841
86BE70	E28F004S3	2.0	M843
86CE70	E28F004S5	2.0	M843
86FE70	E28F004SC	2.0	M843
86BE71	E28F008S3	2.0	M843
86CE71	E28F008S5	2.0	M843
86FE71	E28F008SC	2.0	M843
86BE72	E28F016S3	2.0	M843
86CE72	E28F016S5	2.0	M843
86FF8A	E28F016SA/SV-XX	2.0	M849
86FE72	E28F016SC	2.0	M843
86BF8C	E28F160S3-XX	2.0	M849
86CF8C	E28F160S5-XX	2.0	M849
F6CF92	E28F200B5-B	2.0	M845
F6CF93	E28F200B5-T	2.0	M845
86CF8E	E28F320J5-XX	5.2	M849
F6BF94	E28F400B3-B	2.1	M845

F6BF95	E28F400B3-T	2.1	M845
F6CF94	E28F400B5-B	2.0	M845
F6CF95	E28F400B5-T	2.0	M845
F6CF96	E28F800B5-B	2.0	M845
F6CF97	E28F800B5-T	2.0	M845
F6DF96	E28F800CE/CV-B	2.0	M845
F6DF97	E28F800CE/CV-T	2.0	M845
16FFA0	N28F001BX-BXXX	1.0	G,M822
16FFA1	N28F001BX-TXX	1.0	G,M822
16FFE6	N28F010-XX	1.0	G,M822
16FFE7	N28F020-XX	1.0	G,M822
16FFE4	N28F256A-XX	1.0	G,M822
16FFE5	N28F512-XX	1.0	G,M822
16F1F0	N82802AA	5.3	M822
16F1F1	N82802AB	5.3	M822
16F1F2	N82802AC	5.3	M822
06FFA0	P28F001BX-BXXX	1.0	G,M811
06FFA1	P28F001BX-TXXX	1.0	G,M811
06FFE6	P28F010-XX	1.0	G,M811
06FFE7	P28F020-XX	1.0	G,M811
06FFE4	P28F256A-XX	1.0	G,M811
06FFE5	P28F512-XX	1.0	G,M811
36CF92	PA28F200B5-B	2.0	M835
36CF93	PA28F200B5-T	2.0	M835
36EF92	PA28F200BL-B	2.0	M835
36EF93	PA28F200BL-T	2.0	M835
36DF92	PA28F200BV-B	2.0	M835
36DF93	PA28F200BV-T	2.0	M835
36FF92	PA28F200BX-B	2.0	M835
36FF93	PA28F200BX-T	2.0	M835
36CF94	PA28F400B5-B	2.0	M835
36CF95	PA28F400B5-T	2.0	M835
36EF94	PA28F400BL-B	2.0	M835
36EF95	PA28F400BL-T	2.0	M835
36DF94	PA28F400BV-B	2.0	M835
36DF95	PA28F400BV-T	2.0	M835
36FF94	PA28F400BX-B	2.0	M835
36FF95	PA28F400BX-T	2.0	M835
36CF96	PA28F800B5-B	2.0	M835
36CF97	PA28F800B5-T	2.0	M835
36DF96	PA28F800BV-B	2.0	M835
36DF97	PA28F800BV-T	2.0	M835
86BFA6	TE28F008B3BA	5.6	M842
86BFA7	TE28F008B3TA	5.6	M842
86BFA8	TE28F016B3BA	5.6	M842
86BFA9	TE28F016B3TA	5.6	M842
86F1D4	TE28F160B3BAXX	5.6	M845
86F1D5	TE28F160B3TAXX	5.6	M845
86E1C2	TE28F160C3BAXX	5.3	M845
86E1C3	TE28F160C3TAXX	5.3	M845
86E1C4	TE28F320C3BAXX	5.3	M845
86E1C5	TE28F320C3TAXX	5.3	M845
86E1C0	TE28F800C3BAXX	5.3	M845
86E1C1	TE28F800C3TAXX	5.3	M845

MICROS

06FA08	D8751BH	1.0	M814
06FA09	D8752BH	1.0	M814
06FA00	D87C51	1.0	M814
06FA01	D87C51FA	1.0	M814
06FA02	D87C51FB	1.0	M814
06FA03	D87C51FC	1.0	M814
06FA1C	D87C52	1.0	M814
06FA1A	D87C54	1.0	M814
06FA1B	D87C58	1.0	M814
16FACA	N87C251 SA,SP	2.0	M824
16FAC8	N87C251 SB,SQ	2.0	M824
16FA08	N8751BH	1.0	M824
16FA09	N8752BH	1.0	M824
16FA00	N87C51	1.0	M824
16FA01	N87C51FA	1.0	M824
16FA02	N87C51FB	1.0	M824
16FA03	N87C51FC	1.0	M824
16FADA	N87C51RA	1.0	M824
16FADB	N87C51RB	1.0	M824
16FADC	N87C51RC	1.0	M824
16FA1C	N87C52	1.0	M824
16FA1A	N87C54	1.0	M824
16FA1B	N87C58	1.0	M824
06FACA	P87C251 SA,SP	2.0	M814
06FAC8	P87C251 SB,SQ	2.0	M814
06FADA	P87C51RA	5.4	M814
06FADB	P87C51RB	5.4	M814
06FADC	P87C51RC	5.4	M814

ISSI

Code	Device	Rev	Module

EEPROM

0043A4	IS24C02-3P	2.0	M815
0045A4	IS24C02-P	2.0	M815
0043A5	IS24C04-3P	2.0	M815
0045A5	IS24C04-P	2.0	M815
0045C3	IS93C46-3P	2.0	M815
0045C4	IS93C56-3P	2.0	M815
0045C5	IS93C66-3P	2.0	M815

EPROM

0040F6	IS27HC010-XX CW,W	1.0	G,M811
1040F6	IS27HC010-XX PL	1.0	G,M822
0040F4	IS27HC256-XX CW,W	1.0	G,M811
1040F4	IS27HC256-XX PL	1.0	M821
0040F5	IS27HC512-XX CW,W	1.0	G,M811
1040F5	IS27HC512-XX PL	1.0	M821

FLASH

104FE6	IS28F010-XX PL	1.0	G,M822

804FE6	IS28F010-XX ST	1.0	M841
004FE6	IS28F010-XX W	1.0	G,M811
104FE7	IS28F020-XX PL	1.0	G,M822
804FE7	IS28F020-XX TS	1.0	M841
004FE7	IS28F020-XX W	1.0	G,M811

MICRO

104A09	IS89C52 PL	5.6	M824
114A08	IS89C51A PL	5.7	M824
014A08	IS89C51A W	5.7	M814
114A09	IS89C52A PL	5.7	M824
014A09	IS89C52A W	5.7	M814

LUCENT TECHNOLOGIES

Code	Device	Rev	Module
058327	ATT17128A P8	2.0	M815
058149	ATT1736A P8	2.0	M815
058273	ATT1765A P8	2.0	M815

MACRONIX

Code	Device	Rev	Module

EPROM

0130F6	MX26C1000APC-XX	3.1	G,M811
1130F6	MX26C1000AQC-XX	3.1	G,M822
8130F6	MX26C1000ATC-XX	3.1	M841
0130D6	MX26C1024APC-XX	2.1	G,M812
1130D6	MX26C1024AQC-XX	2.1	M823
0130F5	MX26C512APC-XX	3.1	G,M811
1130F5	MX26C512AQC-XX	3.1	M821
0030F6	MX27C1000DC/PC-XX	1.0	G,M811
103F36	MX27C1000QC-XX	5.0	G,M822
003FF6	MX27C1001DC/PC-XX	1.0	G,M811
0030D6	MX27C1024DC/PC-XX	1.0	G,M811
003FDA	MX27C1610-XX P	5.0	M813
0030F7	MX27C2000DC/PC-XX	1.0	G,M811
1030F7	MX27C2000QC-XX	1.0	G,M822
0030D7	MX27C2048DC/PC-XX	1.0	G,M812
0030F4	MX27C256DC/PD-XX	1.0	G,M811
0030F8	MX27C4000DC/PC-XX	1.0	G,M811
1030F8	MX27C4000QC-XX	1.0	G,M822
0030D8	MX27C4096DC/PC-XX	1.0	G,M812
003FD8	MX27C4100DC/PC-XX	1.0	M813
003FD2	MX27C4111DC/PC-XX	1.0	M813
0030F5	MX27C512DC/PC/MC-XX	1.0	G,M811
0030F9	MX27C8000DC/PC-XX	2,1	G,M811
1030F9	MX27C8000QC-XX	2.1	G,M822
003FD9	MX27C8100 D,P	1.0	M813
013FD9	MX27C8111DC/PC-XX	2.1	M813
003F36	MX27L1000-XX DC,PC	1.0	G,M811
003F37	MX27L2000DC/PC-XX	5.8	M811
103F37	MX27L2000QC-XX	5.8	M822
003F34	MX27L256DC/PC-XX	1.0	G,M811
103F34	MX27L256QC-XX	1.0	M821
003F38	MX27L4000DC/PC-XX	1.0	G,M811
103F38	MX27L4000QC-XX	1.0	G,M822
003F35	MX27L512DC/PC-XX	1.0	G,M811
103F35	MX27L512QC-XX	1.0	M821

FLASH

803FA2	MX28F002BTC-XX	2.0	M842
803FA3	MX28F002TTC-XX	2.0	M842
003FE6	MX28F1000PC-XX	1.0	G,M811
013FE6	MX28F1000PPC-XX	2.1	G,M811
113FE6	MX28F1000PQC-XX	2.1	G,M822
813FE6	MX28F1000PTC/RC -XX	2.1	M841
103FE6	MX28F1000QC-XX	1.0	G,M822
803FE6	MX28F1000TC,RC-XX	2.0	M841
003FE7	MX28F2000PPC-XX	1.0	G,M811
103FE7	MX28F2000PQC-XX	1.0	G,M822
003FF7	MX28F2000TPC-XX	5.3	M811
103FF7	MX28F2000TQC-XX	5.3	M822
803F92	MX28F2100BTC-XX	2.0	M845
803F93	MX28F2100TTC-XX	2.0	M845
003FE8	MX28F4000PC-XX	1.0	G,M811
803FE8	MX28F4000TC,RC-XX	2.0	M841
003FA0	MX29F001BPC-XX	5.0	G.M811
103FA0	MX29F001BQC-XX	5.0	G,M822
803FA0	MX29F001BTC-XX	5.0	M841
003FA1	MX29F001TPC-XX	5.0	G,M811
103FA1	MX29F001TQC-XX	5.0	G,M822
803FA1	MX29F001TTC-XX	5.0	M841
013FA2	MX29F002(N)BP-XX	5.0	G,M811
113FA2	MX29F002(N)BQ-XX	5.0	G,M822
813FA2	MX29F002(N)BT-XX	5.0	M841
013FA3	MX29F002(N)TP-XX	5.0	G,M811
113FA3	MX29F002(N)TQ-XX	5.0	G,M822
813FA3	MX29F002(N)TT-XX	5.0	M841
013FA4	MX29F004BPC-XX	5.0	G,M811
113FA4	MX29F004BQ -XX	5.0	G,M822
813FA4	MX29F004BTC-XX	5.0	M841
013FA5	MX29F004TPC-XX	5.0	G,M811
113FA5	MX29F004TQC-XX	5.0	G,M822
813FA5	MX29F004TTC-XX	5.0	M841
013DA2	MX29F022(N)BPC-XX	5.6	M811
113DA2	MX29F022(N)BQC-XX	5.6	M822
813DA2	MX29F022(N)BTC-XX	5.6	M841
013DA3	MX29F022(N)TPC-XX	5.6	M811
113DA3	MX29F022(N)TQC-XX	5.6	M822
813DA3	MX29F022(N)TTC-XX	5.6	M841
003F78	MX29F040PC-XX	5.0	G,M811
103F78	MX29F040QC-XX	5.0	G,M822
803F78	MX29F040TC-XX	5.0	M841
303F50	MX29F100BMC-XX	5.3	M835
803F50	MX29F100BTC-XX	5.3	M845

303F51	MX29F100TMC	5.3	M835
803F51	MX29F100TTC-XX	5.3	M845
303F52	MX29F200BMC-XX	5.3	M835
803F52	MX29F200BTC-XX	5.3	M845
303F53	MX29F200TMC-XX	5.3	M835
803F53	MX29F200TTC-XX	5.3	M845
303F54	MX29F400BMC-XX	5.0	M835
803F54	MX29F400BTC-XX	5.0	M845
303F55	MX29F400TMC-XX	5.0	M835
803F55	MX29F400TTC-XX	5.0	M845
303F58	MX29F1610MC-XX	2.0	M835
0034E8	MX29F1615PC -XX	5.6	M813
303F57	MX29F8100MC-XX	2.1	M835
313F04	MX29L1611MC-XX	5.3	M835
813F96	MX29L8100BTC-XX	5.0	M845
013F98	MX29L8100G	5.0	M813
813F97	MX29L8100TTC-XX	5.0	M845

MICRO

003A04	MX10FLCD PC	5.6	M814
703AD4	MX10FMAXDFC	5.6	M871
003AD4	MX10FMAXDPC	5.6	M814
103AD4	MX10FMAXDQC	5.6	M824

MEGAWIN

Code	Device	Rev	Module

FLASH

0B0F78	MM29F040E-XX	5.6	M811
1B0F78	MM29F040P-XX	5.6	M822
8B0F78	MM29F040T-XX	5.6	M841

MICROCHIP TECHNOLOGY

Code	Device	Rev	Module

EEPROM

0025A3	24C01A 85C72 /J,/P	2.0	M815
0025A4	24C02 85C82 /J,/P	2.0	M815
0025A5	24C04 85C92 /J,/P	2.0	M815
0023A6	24C08B /J,/P	2.0	M815
0025AA	24C128 /P	2.0	M815
0025A8	24C32 /J,P	2.0	M815
0125A9	24C64 /P	2.0	M815
0025A9	24C65 /J,P	2.0	M815
0023A3	24LC01B /J,/P	2.0	M815
0023A4	24LC02B /J,/P	2.0	M815
0023A5	24LC04B /J,/P	2.0	M815
0023AA	24LC128 /P	2.0	M815
0023A7	24LC16B /J,/P	2.0	M815
0023A8	24LC32 /J,P	2.0	M815
0123A9	24LC64 /P	2.0	M815
0023A9	24LC65 /J,P	2.0	M815
002FCA	28C04A(F)-XX(I) J,P	1.0	G,M811
102FCA	28C04A(F)-XX(I) L	1.0	M821
002FC0	28C16A(F)-XX(I) J,P	1.0	G,M811
102FC0	28C16A(F)-XX(I) L	1.0	M821
002FCC	28C17A(F)-XX(I) J,P	1.0	G,M811
102FCC	28C17A(F)-XX(I) L	1.0	M821
002FC4	28C256-XX(I) J,D,P	1.0	G,M811
102FC4	28C256-XX(I) L	1.0	M821
002FC2	28C64A(F)-XX(I) J,P	1.0	G,M811
102FC2	28C64A(F)-XX(I) L	1.0	M821
0025C1	93C06 P	2.0	M815
0025C3	93C46 P	2.0	M815
0025C4	93C56 D	2.0	M815
0025C5	93C66 D	2.0	M815
0023C3	93LC46 D	2.0	M815
0023C4	93LC56 D	2.0	M815
0023C5	93LC66 D	2.0	M815
002327	37LV128 P	2.0	M815
002149	37LV36 P	2.0	M815
002273	37LV65 P	2.0	M815

EPROM

0020F3	27C128-XXX/J,P	1.0	G,M811
1020F3	27C128-XXX/L	1.0	M821
0020F4	27C256-XXX/J, P	1.0	G,M811
1020F4	27C256-XXX/K	1.0	M821
0020F5	27C512-XXX/J, P	1.0	G,M811
1020F5	27C512-XXX/L	1.0	M821
0020F2	27C64-XXX/K,P	1.0	G,M811
1020F2	27C64-XXX/L	1.0	M821
1020C4	27HC256(L)-XX/L	1.0	M821
0020C4	27HC256(L)-XXX/J, P	1.0	G,M811
0020C2	27HC64-XXX/J, P	1.0	G,M811
0020C2	27HC64-XXX/L	1.0	M821

MICROS

002D2C	PIC16C505 /P	5.0	M816
002D22	PIC12C508 /P	2.0	M816
002D23	PIC12C509 /P	2.0	M816
002D16	PIC16C52 /P	2.0	M816
002D00	PIC16C54(A)	2.0	M816
002D02	PIC16C55	2.0	M816
002D1F	PIC16C554 /P	2.0	M815
302D1F	PIC16C554 /SO	3.0	M833
002D20	PIC16C556 /P	2.0	M815
302D20	PIC16C556 /SO	3.0	M833
002D21	PIC16C558 /P	2.0	M815
302D21	PIC16C558 /SO	3.0	M833
002D01	PIC16C56	2.0	M816
302D01	PIC16C56 /S	5.6	M836
002D03	PIC16C57	2.0	M816
002D0A	PIC16C58A /P	2.0	M816
002D0E	PIC16C61 /P	2.0	M815

302D0E	PIC16C61 /SO	3.0	M833
002D12	PIC16C62 /P	2.0	M815
302D12	PIC16C62 /SO	3.0	M833
002D0F	PIC16C620 /P	2.0	M815
302D0F	PIC16C620 /SO	3.0	M833
002D10	PIC16C621 /P	2.0	M815
302D10	PIC16C621 /SO	3.0	M833
002D11	PIC16C622 /P	2.0	M815
302D11	PIC16C622 /SO	3.0	M833
002D18	PIC16C63 /P	2.0	M815
302D18	PIC16C63 /SO	3.0	M833
102D06	PIC16C64 /L	3.0	M828
002D06	PIC16C64 /P	2.0	M815
102D13	PIC16C65 /L	3.0	M828
002D13	PIC16C65 /P	2.0	M815
002D24	PIC16C66 /P	2.0	M815
302D24	PIC16C66 /SO	3.0	M833
102D25	PIC16C67 /L	3.0	M828
002D25	PIC16C67 /P	2.0	M815
002D04	PIC16C71 /JW P	2.0	M815
302D04	PIC16C71 /SO	3.0	M833
002D17	PIC16C710 /P	2.0	M815
302D17	PIC16C710 /SO	3.0	M833
002D1C	PIC16C711 /P	2.0	M815
302D1C	PIC16C711 /SO	3.0	M833
002D19	PIC16C72 /P	2.0	M815
302D19	PIC16C72 /SO	3.0	M833
002D14	PIC16C73 /P	2.0	M815
302D14	PIC16C73 /SO	3.0	M833
102D15	PIC16C74 /L	3.0	M828
002D15	PIC16C74 /P	2.0	M815
002D26	PIC16C76 /P	2.0	M815
302D26	PIC16C76 /SO	3.0	M833
102D27	PIC16C77 /L	3.0	M828
002D27	PIC16C77 /P	2.0	M815
002D05	PIC16C84 /P	2.0	M815
302D05	PIC16C84 /SO	3.0	M833
002D1A	PIC16F83 /P	2.0	M815
302D1A	PIC16F83 /SO	3.0	M833
002D1B	PIC16F84 /P	2.0	M815
302D1B	PIC16F84 /SO	3.0	M833
002D31	PIC16F870 /SP	5.7	M815
002D32	PIC16F871 /P	5.7	M815
002D33	PIC16F872 /SP	5.7	M815
002D34	PIC16F873 /SP	5.7	M815
002D35	PIC16F874 /P	5.7	M815
002D36	PIC16F876 /SP	5.7	M815
002D37	PIC16F877 /P	5.7	M815
012D1F	PIC16LC554 /P	2.0	M815
312D1F	PIC16LC554 /SO	3.0	M833
012D20	PIC16LC556 /P	2.0	M815
312D20	PIC16LC556 /SO	3.0	M833
012D21	PIC16LC558 /P	2.0	M815
312D21	PIC16LC558 /SO	3.0	M833
012D0E	PIC16LC61 /P	2.0	M815
312D0E	PIC16LC61 /SO	3.0	M833
012D12	PIC16LC62 /P	2.0	M815
312D12	PIC16LC62 /SO	3.0	M833
012D0F	PIC16LC620 /P	2.0	M815
312D0F	PIC16LC620 /SO	3.0	M833
012D10	PIC16LC621 /P	2.0	M815
312D10	PIC16LC621 /SO	3.0	M833
012D11	PIC16LC622 /P	2.0	M815
312D11	PIC16LC622 /SO	3.0	M833
012D18	PIC16LC63 /P	2.0	M815
312D18	PIC16LC63 /SO	3.0	M833
012D06	PIC16LC64 /P	2.0	M815
012D13	PIC16LC65 /P	2.0	M815
012D04	PIC16LC71 /P	2.0	M815
312D04	PIC16LC71 /SO	3.0	M833
012D17	PIC16LC710 /P	2.0	M815
312D17	PIC16LC710 /SO	3.0	M833
012D1C	PIC16LC711 /P	2.0	M815
312D1C	PIC16LC711 /SO	3.0	M833
012D19	PIC16LC72 /P	2.0	M815
312D19	PIC16LC72 /SO	3.0	M833
012D14	PIC16LC73 /P	2.0	M815
312D14	PIC16LC73 /SO	3.0	M833
012D15	PIC16LC74 /P	2.0	M815

MICRON TECHNOLOGY

Code	Device	Rev	Module
FLASH			
8F4FA2	MT28F002B1VGxB	5.0	M842
8F4FA3	MT28F002B1VGxT	5.0	M842
3F4F92	MT28F200SG-XB	1.0	M835
3F4F93	MT28F200SG-XT	1.0	M835
8F4F92	MT28F200VG-XB	1.0	M845
8F4F93	MT28F200VG-XT	1.0	M845
3F4F94	MT28F400B3-B SG	5.1	M835
8F4F94	MT28F400B3-B WG	5.1	M845
3F4F95	MT28F400B3-T SG	5.1	M835
8F4F95	MT28F400B3-T WG	5.1	M845
3F2F96	MT28F800B1SG-XX B	5.4	M835
3F2F97	MT28F800B1SG-XX T	5.4	M835
8F2F96	MT28F800B1WG-XX B	5.4	M845
8F2F97	MT28F800B1WG-XX T	5.4	M845
8F3F96	MT28F800B3WG-X B	5.3	M845
8F3F97	MT28F800B3WG-X T	5.3	M845
8F4F96	MT28F800B5WG-X B	5.3	M845
8F4F97	MT28F800B5WG-X T	5.3	M845

MITSUBISHI

Code	Device	Rev	Module
EPROM			
0DE0E2	M5L2764K	1.0	G,M811
0DFFD8	M5M27400/4AK-XX	1.0	G,M811
1DF0F5	M5M27C100JK-XX	1.0	G,M822
0DFFF6	M5M27C100K-XX	1.0	G,M811
1DF0F6	M5M27C101JK-XX	1.0	G,M822
0DF0F6	M5M27C101K-XX	1.0	G,M811
1DF0D6	M5M27C102JK-XX	1.0	M823
0DF0D6	M5M27C102K-XX	1.0	G,M812
1DF0F7	M5M27C201JK-XX	1.0	G,M822
0DF0F7	M5M27C201K-XX	1.0	G,M811
1DF0D7	M5M27C202JK-XX	1.0	M823
0DF0D7	M5M27C202K-XX	1.0	G,M812
0DE0F4	M5M27C256AK-I	1.0	G,M811
0DF0F8	M5M27C401K-XX	1.0	G,M811
0DE0F5	M5M27C512AK-I	1.0	G,M811
FLASH			
1DEFE6	M5M28F101AJ-XX	1.0	G,M822
8DEFE6	M5M28F101AVP/RV -XX	1.0	M841
1DFFE6	M5M28F101J-XX	1.0	G,M822
0DFFE6	M5M28F101P-XX	1.0	G,M811
1DEF66	M5M28F102AJ-XX	1.0	M823
8DEF66	M5M28F102AVP/RV-XX	1.0	G,M812 & 69-0399
8DEF56	M5M28FB800VP	2.0	M845
8DEF57	M5M28FT800VP	2.0	M845
8DEF58	M5M29FB160AVP-XX	5.6	M845
8DEF59	M5M29FT160AVP-XX	5.6	M845
3DEF96	M5M29FB800FP-XX	2.0	M835
8DEF96	M5M29FB800RV,VP -XX	2.0	M845
3DEF97	M5M29FT800FP-XX	2.0	M835
8DEF97	M5M29FT800RV,VP-XX	2.0	M845

MOSEL VITELIC

Code	Device	Rev	Module
FLASH			
1A0FA0	V29C51001B-XX J	5.1	M822
0A0FA0	V29C51001B-XX P	5.1	M811
8A0FA0	V29C51001B-XX T	5.1	M841
1A0FA1	V29C51001T-XX J	5.1	M822
0A0FA1	V29C51001T-XX P	5.1	M811
8A0FA1	V29C51001T-XX T	5.1	M841
1A0FA2	V29C51002B-XX J	5.1	M822
0A0FA2	V29C51002B-XX P	5.1	M811
8A0FA2	V29C51002B-XX T	5.1	M841
1A0FA3	V29C51002T-XX J	5.1	M822
0A0FA3	V29C51002T-XX P	5.1	M811
8A0FA3	V29C51002T-XX T	5.1	M841
1A0FA4	V29C51004B-XX J	5.3	M822
0A0FA4	V29C51004B-XX P	5.3	M811
8A0FA4	V29C51004B-XX T	5.3	M841
1A0FA5	V29C51004T-XX J	5.3	M822
0A0FA5	V29C51004T-XX P	5.3	M811
8A0FA5	V29C51004T-XX T	5.3	M841

MOTOROLA

Code	Device	Rev	Module
EPROM			
07E0E8	2532	1.0	G,M811
07F273	MPA17065 N	2.0	M815
07F327	MPA17128 N	2.0	M815
FLASH			
17FF76	M29F010 F	2.0	G,M822
17FF78	M29F040 F	2.0	G,M822
37FF54	M29F400 BG	2.0	M835
87FF54	M29F400 BT,R	2.0	M845
37FF55	M29F400 TG	2.0	M835
87FF55	M29F400 TT,R	2.0	M845

NATIONAL/FAIRCHILD

Code	Device	Rev	Module
EEPROM			
03F5A4	NM24C02N	2.0	M815
0B83A4	NM24C03 N	5.3	M815
03F5A5	NM24C04N	2.0	M815
03F5A6	NM24C08N	2.0	M815
03F5A7	NM24C16N	2.0	M815
03F5C7	NM93C86A N	3.1	M815
03F5C3	NMC9314B N	2.0	M815
03F5C3	NMC9346 N	2.0	M815
03F5C3	NMC93C46 N	2.0	M815
03F5C1	NMC93C06 N	2.0	M815
03F5C2	NMC93C26 N	2.0	M815
03F5C4	NMC93C56 N	2.0	M815
03F5C5	NMC93C66 N	2.0	M815
03F5F1	NMC93CS06 N	2.0	M815
03F5F2	NMC93CS26 N	2.0	M815
03F5F3	NMC93CS46 N	2.0	M815
03F5F4	NMC93CS56 N	2.0	M815
03F5F5	NMC93CS66 N	2.0	M815
EPROM			
03F0F6	NM27C010XX	1.0	G,M811
03F0F7	NM27C020Q(E)XXX	1.0	G,M811
13F0F7	NM27C020V(E)XXX	3.1	M822

03F0F8	NM27C040XX	1.0	G,M811
03F0F3	NM27C128XX	1.0	G,M811
03F0D6	NM27C210 Q,N	1.0	G,M812
13F0D6	NM27C210 V	1.0	M823
13E0F4	NM27C256V-XX	1.0	M821
13F0F5	NM27C512V-XX	1.0	M821
03F0F5	NM27C512XX	1.0	G,M811
03F0F2	NM27C64XX	1.0	G,M811
03E0F6	NMC27C010Q(E)XXX	1.0	G,M811
03E0D6	NMC27C1024Q(E)XXX	1.0	G,M812
03E0F3	NMC27C128BQ(E)XXX	1.0	G,M811
03E0E0	NMC27C16(E)XX	1.0	G,M811
03F0F0	NMC27C16B-XX	1.0	G,M811
03F0D7	NMC27C2048Q(E)XXX	1.0	G,M812
03E0F4	NMC27C256BQ(E)XXX	1.0	G,M811
03E0E4	NMC27C256Q(E)XXX	1.0	G,M811
03E0E1	NMC27C32(E)XX	1.0	G,M811
03E0F1	NMC27C32BQ(E)XX	1.0	G,M811
03E0F5	NMC27C512AQ(E)XXX	1.0	G,M811
03E0E2	NMC27C64Q(E)XX	1.0	G,M811
03E0E3	NMC27CP128QXXX	1.0	G,M811

NEC

Code	Device	Rev	Module
EEPROM			
0CFEC2	UPD28C64 D	1.0	G,M811
EPROM			
0CE0E3	UPD27128	2.1	G,M811
0CE0E4	UPD27256D	1.0	G,M811
0CFFF6	UPD27C1000AD-XX	1.0	G,M811
0CEFF6	UPD27C1000D-XX	1.0	G,M811
0CF0F6	UPD27C1001AD-XX	1.0	G,M811
0CF0D6	UPD27C1024AD-XX	1.0	G,M812
0CF0F7	UPD27C2001D-XX	1.0	G,M811
0CE0F4	UPD27C256AD-XX	1.0	G,M811
0CF0F8	UPD27C4001DZ-XX	1.0	G,M811
0CF0D8	UPD27C4096DZ-XX	1.0	G,M812
0CE0F5	UPD27C512D-XX	1.0	G,M811
0CFFD9	UPD27C8000DZ/CZ-XX	5.2	M813
0CF0F9	UPD27C8001DZ-XX	1.0	G,M811

NexFlash

Code	Device	Rev	Module
FLASH			
1E0F76	NX29F010-XX PL	5.6	M822
8E0F76	NX29F010-XX T	5.6	M841
0E0F76	NX29F010-XX W	5.6	M811

OKI

Code	Device	Rev	Module
EPROM			
035FDA	MR27V1602D RS	5.6	M813
045FDA	MR27V1652D RS	5.6	M813
335FDB	MR27V3202D/E GS	5.7	M839
345FDB	MR27V3252D GS	5.7	M839
035FD9	MR27V802D	5.2	M813
045FD9	MR27V852D	5.2	M813
0050F6	MSM27C101	1.0	G,M811
0050F6	MSM27C121	1.0	G,M811
0050F6	MSM27C131	1.0	G,M811
015FDA	MSM27C1652CZ RS	5.2	M813
0050F7	MSM27C201	1.0	G,M811
0350F7	MSM27C201CZ RS	5.8	M811
0050F7	MSM27C221	1.0	G,M811
0050F7	MSM27C231	1.0	G,M811
0050F8	MSM27C401	1.0	G,M811
0350F8	MSM27C401CZ RS	5.8	M811
0050F8	MSM27C421	1.0	G,M811
0050F8	MSM27C431	1.0	G,M811
005FD8	MSM27C402	1.0	M813
005FD8	MSM27C422	1.0	M813
005FD8	MSM27C432	1.0	M813
005FD9	MSM27C802	1.0	M813
305FD9	MSM27C802CZ RS	5.6	M839
005FD9	MSM27C822	1.0	M813
005FD9	MSM27C832	1.0	M813
015FD9	MSM27C852CZ	5.2	M813

OMNIWAVE

Code	Device	Rev	Module
EPROM			
05F0D6	27C1024 D,P	1.0	G,M812
15F0D6	27C1024 J	1.0	M823

PHILIPS

Code	Device	Rev	Module
EEPROM			
01F5A5	PCx8594x-2P	2.0	M815
01F5A6	PCx8598x-2P	2.0	M815
EPROM			
11E0F6	27C010-XX A	1.0	G,M822
01E0F6	27C010-XX FA	1.0	G,M811
01F0F6	27C010-XX N	1.0	G,M811

11F0D6	27C210-XX A	1.0	M823
01F0D6	27C210-XX FA	1.0	G,M812
11F0D8	27C240-XX A	1.0	M823
01F0D8	27C240-XX I	1.0	G,M812
11F0F4	27C256-XX A	1.0	M821
01F0F4	27C256-XX FA,N	1.0	G,M811
11F0F5	27C512-XX A	1.0	M821
01F0F5	27C512-XX FA,N	1.0	G,M811
11F0F2	27C64A-XX A	1.0	M821
01F0F2	27C64A-XX FA,N	1.0	G,M811

MICROS

11FAC9	P51XAG37XX A	2.0	M824
11FA14	P87C504XB AA,KKA	1.0	M824
01FA14	P87C504XB FFA,PN	1.0	M814
01FAD2	P87C508XX FA,N	1.0	M814
11FAD2	P87C508XXX A,KA	1.0	M824
11DA09	P87C51FAXXAA	5.4	M824
71DA09	P87C51FAXXBB	5.4	M871
01DA09	P87C51FAXXPN	5.4	M814
11DA0A	P87C51FBXXAA	5.4	M824
71DA0A	P87C51FBXXBB	5.4	M871
01DA0A	P87C51FBXXPN	5.4	M814
11DA0B	P87C51FCXXAA	5.4	M824
71DA0B	P87C51FCXXBB	5.4	M871
01DA0B	P87C51FCXXPN	5.4	M814
11D8C8	P87C51RA+XXAA	5.4	M824
71D8C8	P87C51RA+XXBB	5.4	M871
01D8C8	P87C51RA+XXPN	5.4	M814
11D8C9	P87C51RB+XXAA	5.4	M824
71D8C9	P87C51RB+XXBB	5.4	M871
01D8C9	P87C51RB+XXPN	5.4	M814
11D8CA	P87C51RC+XXAA	5.4	M824
71D8CA	P87C51RC+XXBB	5.4	M871
01D8CA	P87C51RC+XXPN	5.4	M814
11D8CB	P87C51RD+XXAA	5.4	M824
71D8CB	P87C51RD+XXBB	5.4	M871
01D8CB	P87C51RD+XXPN	5.4	M814
11DA00	P87C51XXAA	5.4	M824
71DA00	P87C51XXBB	5.4	M871
01DA00	P87C51XXPN	5.4	M814
01DA01	P87C52XXPN	5.6	M814
11FA02	P87C524XX AA	1.0	M824
01FA02	P87C524XX FA,PN	1.0	M814
11FA03	P87C528XX A,K	1.0	M824
01FA03	P87C528XX FA40,PN40	1.0	M814
11FA1C	P87C52XX A44,L44	1.0	M824
71FA1C	P87C52XX BBB	2.0	M871
01FA1C	P87C52XX F40,N40	1.0	M814
11DA01	P87C52XXAA	5.4	M824
71DA01	P87C52XXBB	5.4	M871
11DA02	P87C54XXAA	5.4	M824
11FA1A	P87C54XX AA,LKA	1.0	M824
71FA1A	P87C54XX BBB	2.0	M871
01FA1A	P87C54XX FFA,PN	1.0	M814
11DA02	P87C54XXAA	5.4	M824
71DA02	P87C54XXBB	5.4	M871
01DA02	P87C54XXPN	5.4	M814
11FAC5	P87C550XX A,K	1.0	M824
01FAC5	P87C550XX F,P	1.0	M814
01FA15	P87C575XX FA,PN	5.1	M814
11FA15	P87C575XX AA,KA	1.0	M824
11FA1D	P87C576XX AA,LKA	1.0	M824
01FA1D	P87C576XX FFA,PN	1.0	M814
11FA1B	P87C58XXX A,KA	1.0	M824
01FA1B	P87C58XXX FA ,P	1.0	M814
11DA03	P87C58XXAA	5.4	M824
71DA03	P87C58XXBB	5.4	M871
01DA03	P87C58XXPN	5.4	M814
01FAC0	P87C748XX FFA,PN	2.0	M819
01FAC2	P87C750XX FFA,PN	2.0	M819
11F8C8	P89C51RA+X A	5.6	M824
71F8C8	P89C51RA+X B	5.6	M871
01F8C8	P89C51RA+X N	5.6	M814
11F8C9	P89C51RB+X A	5.6	M824
71F8C9	P89C51RB+X B	5.6	M871
01F8C9	P89C51RB+X N	5.6	M814
11F8CA	P89C51RC+X A	5.6	M824
71F8CA	P89C51RC+X B	5.6	M871
01F8CA	P89C51RC+X N	5.6	M814
11F8CB	P89C51RD+X A	5.6	M824
71F8CB	P89C51RD+X B	5.6	M871
01F8CB	P89C51RD+X N	5.6	M814
11F8C0	P89C51UX AA	5.6	M824
71F8C0	P89C51UX BB	5.6	M871
01F8C0	P89C51UX PN	5.6	M814
11EA1C	P89C52NBA A	2.0	M823
11F8C1	P89C52UX AA	5.6	M824
71F8C1	P89C52UX BB	5.6	M871
01F8C1	P89C52UX PN	5.6	M814
11EAD7	P89C536NB A	2.0	M823
11EAD9	P89C538NB A	2.0	M823
11EA1A	P89C54NBA A	2.0	M823
11F8C2	P89C54UX AA	5.6	M824
71F8C2	P89C54UX BB	5.6	M871
01F8C2	P89C54UX PN	5.6	M814
11F8C3	P89C58UX AA	5.6	M824
71F8C3	P89C58UX BB	5.6	M871
01F8C3	P89C58UX PN	5.6	M814
11FA0A	S87C51FBXXA44,L44	1.0	M824
01FA0A	S87C51FBXXF40,N40	1.0	M814
11FA0A	S87LC51FBXXA44,L44	1.0	M824
01FA0A	S87LC51FBXXF40,N40	1.0	M814
11FA09	S87C51FAXX A44,L44	1.0	M824
01FA09	S87C51FAXX F40,N40	1.0	M814
01FA0B	S87C51FC -X F40,N40	1.0	M814
11FA0B	S87C51FC-X A44,K44	1.0	M824
01FA15	S87C575XX FA,PN	1.0	M814

11FA05	S87C652-X A44	1.0	M824
01FA05	S87C652-XX F40,N40	1.0	M814
11FA06	S87C654-X A44	1.0	M824
01FA06	S87C654-X F40,N40	1.0	M814
71FA05	S87C652XX B44	2.0	M871
71FA06	S87C654XX B44	2.0	M871
01FAC3	S87C751XX F24,N24	2.0	M814
71FA08	SC87C51XX B44	2.0	M814
11FA08	SC87C51XX A44	1.0	M824
01FA08	SC87C51XX F40,N40	1.0	M814
11FA09	S87L51FAXX A44,L44	2.1	M824
71FA09	S87L51FAXX B44	2.1	M871
01FA09	S87L51FAXX F40,N40	2.1	M814
71FA0A	S87L51FBXX B44	2.1	M871
71FA0B	S87L51FCXX B44	2.1	M871

PMC

Code	Device	Rev	Module
FLASH			
880DA2	Pm29F002B-XX E	5.8	M841
180DA2	Pm29F002B-XX J	5.8	M822
080DA2	Pm29F002B-XX P	5.8	M811
880DA3	Pm29F002T-XX E	5.8	M841
180DA3	Pm29F002T-XX J	5.8	M822
080DA3	Pm29F002T-XX P	5.8	M811
881DA2	Pm29LV002B-XX E	5.8	M841
181DA2	Pm29LV002B-XX J	5.8	M822
081DA2	Pm29LV002B-XX P	5.8	M811
881DA3	Pm29LV002T-XX E	5.8	M841
181DA3	Pm29LV002T-XX J	5.8	M822
081DA3	Pm29LV002T-XX P	5.8	M811

RAMTRON

Code	Device	Rev	Module
EEPROM			
0485A7	FM24C16 C,PS	2.0	M815
0485A7	FM24CZ16 C,PS	2.0	M815
0485A5	FM24C04 C,PS	2.0	M815
0485A6	FM24C08 C,PS	2.0	M815

SAMSUNG

Code	Device	Rev	Module
EEPROM			
009FC0	KM28C16(I)-XX P	1.0	G,M811
109FC0	KM28C16-XX J	1.0	M821
109FCC	KM28C17-XX J	1.0	M821
009FCC	KM28C17-XX P	1.0	G,M811
109FC4	KM28C256-XX J	1.0	M821
009FC4	KM28C256-XX P	1.0	G,M811
109FC2	KM28C64-XX J	1.0	M821
009FC2	KM28C64-XX P	1.0	G,M811
109FC2	KM28C65-XX J	1.0	M821
009FC2	KM28C65-XX P	1.0	G,M811
FLASH			
809F96	KM28U800B -T	3.1	M845
809F97	KM28U800T -T	3.1	M845

SANYO

Code	Device	Rev	Module
EPROM			
0EA0D8	LE27C4002F-XX Y	1.0	G,M812

SEEQ

Code	Device	Rev	Module
EEPROM			
00FFC0	DQ2816A-XX	1.0	G,M811
00F0E3	DQ27128-XX	2.0	G,M811
00FFC4	E/M28C256A	1.0	G,M811
00F0F4	DQ27C256-XX	1.0	G,M811

SEIKO-EPSON

Code	Device	Rev	Module
EPROM			
0880E4	SPM27C256XX	1.0	G,M811

SHARP

Code	Device	Rev	Module
FLASH			
8F6E70	LH28F004SCT-LXX	2.0	M843
8F6E71	LH28F008SCT-LXX	2.0	M843
8F6F8A	LH28F016SAT-XX	2.0	M849
8F6E72	LH28F016SCT-LXX	2.0	M843
8F7F8A	LH28F016SUT-XX	2.0	M849
8F7FE7	LH28F020SUT-XX	5.0	M841
8F7F8B	LH28F032SUT-XX	2.0	M849
8F81D4	LH28F160BVE-BTL	5.6	M845
8F81D5	LH28F160BVE-TTL	5.6	M845
8F8F8C	LH28F160S3T-XX	2.0	M849

8F7F8C	LH28F160S5T-LXX(A)	5.8	M849
8F8F8B	LH28F320S3TD-L	3.1	M849
8F7F95	LH28F400BGE-TL	3.1	M845
8F7F94	LH28F400BGE-BL	5.1	M845
8F8F94	LH28F400BVE-BL	5.1	M845
8F8F95	LH28F400BVE-TL	5.1	M845
FF6F95	LH28F400SUE-XX	2.0	M845
8F7F96	LH28F800BGE-BL	3.1	M845
8F7F97	LH28F800BGE-TL	3.1	M845
8F8F96	LH28F800BVE-BL	5.6	M845
8F8F97	LH28F800BVE-TL	5.6	M845

SST

Code	Device	Rev	Module
FLASH			
15AF78	NH28SF040-XXX	1.0	G,M822
15AFE6	NH29EE010-XX	2.0	G,M822
05AFE6	PH29EE010-XX	2.0	G,M811
15B0F6	SST27SF010-XX N	5.0	G,M822
05B0F6	SST27SF010-XX P	5.0	G,M811
15B0F7	SST27SF020-XX N	5.0	G,M822
05B0F7	SST27SF020-XX P	5.0	G,M811
15B0F4	SST27SF256-XX N	5.6	M821
15B0F5	SST27SF512-XX N	5.1	M821
05B0F5	SST27SF512-XX P	5.1	M811
15A0F6	SST27VF010-XX N	5.0	G,M822
05A0F6	SST27VF010-XX P	5.0	G,M811
15A0F7	SST27VF020-XX N	5.0	G,M822
05A0F7	SST27VF020-XX P	5.0	G.M811
85BF78	SST28LF/VF040 -XX E	5.0	M841
15BF78	SST28LF/VF040-XX N	5.0	G,M822
05BF78	SST28LF/VF040-XX P	5.0	G,M811
85AF78	SST28SF040-XX E	5.0	M841
15AF78	SST28SF040-XX N	5.0	G,M822
05AF78	SST28SF040-XX P	5.0	G,M811
85AFE6	SST29EE010-XX-XX-E	2.0	M841
85AFC7	SST29EE020-XX E	2.1	M841
15AFC7	SST29EE020-XX N	2.0	G,M822
05AFC7	SST29EE020-XX-XX P	2.0	G,M811
85AFE5	SST29EE512-XX E	2.1	M841
15AFE5	SST29EE512-XX N	2.1	G,M822
05AFE5	SST29EE512-XX P	2.1	G,M811
85BFE6	SST29LE/VE010-XX E	5.0	M841
15BFE6	SST29LE/VE010-XX N	5.0	G,M822
05BFE6	SST29LE/VE010-XX P	5.0	G,M811
D5BFE6	SST29LE/VE010-XX W	5.4	M8414
85BFC7	SST29LE/VE020-XX E	2.1	M841
15BFC7	SST29LE/VE020-XX N	2.1	G,M822
05BFC7	SST29LE/VE020-XX P	2.1	G,M11
85BFE5	SST29LE/VE512-XX E	2.1	M841
15BFE5	SST29LE/VE512-XX N	2.1	G,M822
05BFE5	SST29LE/VE512-XX P	2.1	G,M811
85BF78	SST29LF040-XX E	2.1	M841
15BF78	SST29LF040-XX N	2.1	G,M822
05BF78	SST29LF040-XX P	2.1	G,M811
85BFE6	SST29VE010-XX E	2.1	M841
15BFE6	SST29VE010-XX N	2.1	G,M822
05BFE6	SST29VE010-XX P	2.1	G,M811
85BFC7	SST29VE020-XX E	2.1	M841
15BFC7	SST29VE020-XX N	2.1	G,M822
05BFC7	SST29VE020-XX P	2.1	G,M11
85BFE5	SST29VE512-XX E	2.1	M841
15BFE5	SST29VE512-XX N	2.1	G,M822
05BFE5	SST29VE512-XX P	2.1	G,M811
85BF78	SST29VF040-XX E	2.1	M841
15BF78	SST29VF040-XX N	2.1	G,M822
05BF78	SST29VF040-XX P	2.1	G,M811
85CF75	SST29VF512-XX W	5.4	M8414
15D0F6	SST37VF010-XX N	5.1	M822
05D0F6	SST37VF010-XX P	5.1	M811
85D0F6	SST37VF010-XX W	5.4	M8414
15D0F7	SST37VF020-XX N	5.1	M822
05D0F7	SST37VF020-XX P	5.1	M811
85D0F7	SST37VF020-XX W	5.4	M8414
15D0F8	SST37VF040-XX N	5.1	M822
05D0F8	SST37VF040-XX P	5.1	M811
85D0F8	SST37VF040-XX W	5.4	M8414
15D0F5	SST37VF512-XX N	5.1	M822
05D0F5	SST37VF512-XX P	5.1	M811
85D0F5	SST37VF512-XX W	5.4	M8414
85D4E0	SST38UF166-XX EK	5.6	M845
85C4E0	SST38VF166-XX EK	5.6	M845
85DF61	SST39LF200A-XX E	5.6	M845
85DF62	SST39LF400A-XX E	5.6	M845
85DF98	SST39LF800A-XX E	5.6	M845
15BF76	SST39SF010-XX N	5.0	G,M822
05BF76	SST39SF010-XX P	5.0	G,M811
85BF76	SST39SF010-XX W	5.4	M8414
15BF77	SST39SF020-XX N	5.0	G,M822
05BF77	SST39SF020-XX P	5.0	G,M811
85BF77	SST39SF020-XX W	5.4	M8414
15EF78	SST39SF040-XX N	5.8	M822
05EF78	SST39SF040-XX P	5.8	M811
85EF78	SST39SF040-XX W	5.8	M841
15BF75	SST39SF512-XX N	5.0	G,M822
05BF75	SST39SF512-XX P	5.0	G,M811
85BF75	SST39SF512-XX W	5.4	M8414
15CF76	SST39VF010-XX J	5.1	M822
05CF76	SST39VF010-XX P	5.1	M811
85CF76	SST39VF010-XX W	5.4	M8414
85CF7A	SST39VF016Q-XX E	5.1	M842
15CF77	SST39VF020-XX J	5.1	M822
05CF77	SST39VF020-XX P	5.1	M811
85CF77	SST39VF020-XX W	5.4	M8414
15CF78	SST39VF040-XX J	5.1	M822
05CF78	SST39VF040-XX P	5.1	M811

85CF78	SST39VF040-XX W	5.4	M8414
85CF79	SST39VF080Q-XX E	5.1	M842
85CF8C	SST39VF160-XX EK	5.1	M845
85BF8C	SST39VF160Q-XX EK	5.2	M845
15CF75	SST39VF512-XX J	5.1	M822
05CF75	SST39VF512-XX P	5.1	M811
85DF61	SST39VF200A-XX E	5.6	M845
85DF62	SST39VF400A-XX E	5.6	M845
85CF98	SST39VF800-XX EK	5.1	M845
85DF98	SST39VF800A-XX E	5.6	M845
85BF98	SST39VF800Q-XX EK	5.2	M845
15C1F0	SST49LF002-XX N	5.6	M822
15C1F1	SST49LF004-XX N	5.6	M822
15C1F2	SST49LF008-XX N	5.6	M822

MICRO

15BA1A	SST89C54-XX NJ	5.7	M824
05BA1A	SST89C54-XX PI	5.7	M814
75BA1A	SST89C54-XX TQJ	5.7	M897
15BA1B	SST89C58-XX NJ	5.7	M824
05BA1B	SST89C58-XX PI	5.7	M814
75BA1B	SST89C58-XX TQJ	5.7	M897

STMicroelectronics

Code	Device	Rev	Module

EEPROM

08D5AA	M24128-XX BN	5.1	M815
08D3AA	M24128-XXW BN	5.1	M815
08D5AB	M24256-XX BN	5.1	M815
08D3AB	M24256-XXW BN	5.1	M815
08D5A3	M24C01-XX BN	5.1	M815
08D3A3	M24C01-XXW BN	5.1	M815
08D5A4	M24C02-XX BN	5.1	M815
08D3A4	M24C02-XXW BN	5.1	M815
08D5A5	M24C04-XX BN	5.1	M815
08D3A5	M24C04-XXW BN	5.1	M815
08D5A6	M24C08-XX BN	5.1	M815
08D3A6	M24C08-XXW BN	5.1	M815
08D5A7	M24C16-XX BN	5.1	M815
08D3A7	M24C16-XXW BN	5.1	M815
08D5A8	M24C32-XX BN	5.1	M815
08D3A8	M24C32-XXW BN	5.1	M815
08D5A9	M24C64-XX BN	5.1	M815
08D3A9	M24C64-XXW BN	5.1	M815
18FFC2	M28C64C-XXX K	1.0	M821
08FFC2	M28C64C-XXX P	1.0	G,M811
08E5AA	ST24128 B	2.0	M815
08E5AB	ST24256 B	2.0	M815
08F5A4	ST24C02AB	2.0	M815
08F5A5	ST24C04B	2.0	M815
08F5A6	ST24C08B	2.0	M815
08F5A7	ST24C16 B	2.0	M815
08E5A7	ST24E16D B	2.0	M815
08E5A8	ST24E32D B	2.0	M815
08E5A9	ST24E64D B	2.0	M815
08F2A3	ST24FC21 B	5.1	M815
08E2A3	ST24LC21B B	5.1	M815
08F3A4	ST25C02AB	2.0	M815
08F3A5	ST25C04B	2.0	M815
08F3A6	ST25C08 B	2.0	M815
08F3A7	ST25C16 B	2.0	M815
08E3A7	ST25E16D B	2.0	M815
08E3A8	ST25E32D B	2.0	M815
08E3A9	ST25E64D B	2.0	M815
08F5C1	ST93C06B	2.0	M815
08F5C3	ST93C46AB	2.0	M815
08F5C4	ST93C56B	2.0	M815
08F5F3	ST93CS46B	2.0	M815
08F3F3	ST93CS47B	2.0	M815
08F5F4	ST93CS56B	2.0	M815
08F3F4	ST93CS57B	2.0	M815
08F3F5	ST93CS66/67B	2.0	M815
08F5B5	ST95P04CPS	2.0	M815

EPROM

08E0E3	M27128A F	1.0	G,M811
08E0E0	M2716	1.0	G,M811
08E0E4	M27256	1.0	G,M811
08E0E1	M2732A	1.0	G,M811
08E0E5	M27512	1.0	G,M811
08E0E2	M2764A	1.0	G,M811
08FFF6	M27C1000	1.0	G,M811
08F0F6	M27C1001 B,F	1.0	G,M811
18F0F6	M27C1001 C	1.0	G,M822
88F0F6	M27C1001 N	1.0	M841
18F0D6	M27C1024-XX C	1.0	M823
08F0D6	M27C1024-XX F	1.0	G,M812
08FFDA	M27C160-XXX F	1.0	M813
08F0F7	M27C2001 B,F	1.0	G,M811
18F0F7	M27C2001 C	1.0	G,M822
88F0F7	M27C2001 N	1.0	M841
08F0D7	M27C202-XX B,M	5.2	M812
18F0D7	M27C202-XX K	1.0	M823
08F0F4	M27C256B-XX B,F	1.0	G,M811
18F0F4	M27C256B-XX C	1.0	M821
08FFDB	M27C322-XXX F	2.0	M813
08F0F8	M27C4001 B,F	1.0	G,M811
18F0F8	M27C4001 C	1.0	G,M822
88F0F8	M27C4001 N	1.0	M841
18F0D8	M27C4002-XX C	1.0	M823
08F0D8	M27C4002-XX F	1.0	G,M812
08EF78	M27C405-XX B	1.0	G,M811
18EF78	M27C405-XX K	1.0	G,M822
88EF78	M27C405-XX N	1.0	M841
08F0F5	M27C512 B,F	1.0	G,M811

18F0F5	M27C512 C	1.0	M821
88F0F5	M27C512 N	5.6	M8410
08E0F2	M27C64A F	1.0	G,M811
08FFD9	M27C800-XX F	1.0	M813
18FFD9	M27C800-XX K	1.0	M825
38FFD9	M27C800-XX M	5.6	M839
08F0F9	M27C801-XXX F	1.0	G,M811
18F0F9	M27C801-XXX K	1.0	G,M822
88F0F9	M27C801-XXX N	1.0	M841
08F0F6	M27V101 B,F	1.0	G,M811
18F0F6	M27V101 C	1.0	G,M822
88F0F6	M27V101 N	1.0	M841
08FFDA	M27V160 F	2.0	M813
08F0F7	M27V201 B,F	1.0	G,M811
18F0F7	M27V201 C	1.0	G,M822
88F0F7	M27V201 N	1.0	M841
08EFDB	M27V322-XX F,P	5.3	M813
08F0F8	M27V401 B,F	1.0	G,M811
18F0F8	M27V401 C	1.0	G,M822
88F0F8	M27V401 N	1.0	M841
08F0F5	M27V512 B,F	1.0	G,M811
18F0F5	M27V512 C	1.0	M821
88F0F5	M27C512 N	5.6	M8410
08F0A5	M87C257 D,P	1.0	G,M811
08EFD9	M27V800 B,F	5.0	M813
18EFD9	M27V800 K	5.0	M823
08E0F4	TS27C256	1.0	G,M811
08E0F2	TS27C64A F	1.0	G,M811

FLASH

18FFE6	M28F1001-XX C	1.0	G,M822
08FFE6	M28F101-XX B	1.0	G,M811
88FFE6	M28F101-XX N(R)	1.0	M841
18FF66	M28F102-XX K	1.0	M823
08FF66	M28F102-XX P	1.0	G,M812
18FFE7	M28F201-XX K	1.0	G,M822
88FFE7	M28F201-XX N	1.0	M841
08EFE4	M28F256-XX B	2.0	G,M811
18EFE4	M28F256-XX C	2.0	G,M822
08FFE4	M28F256A-XX B	1.0	G,M811
18FFE4	M28F256A-XX C	1.0	G,M822
08FFE5	M28F512-XX B	1.0	G,M811
18FFE5	M28F512-XX C	1.0	G,M822
18EFA2	M29F002BB-XX K	5.1	M822
88EFA2	M29F002BB-XX N	5.1	M841
08EFA2	M29F002BB-XX P	5.1	M811
18EED3	M29F002BNT-XX K	5.1	M822
88EED3	M29F002BNT-XX N	5.1	M841
08EED3	M29F002BNT-XX P	5.1	M811
18EFA3	M29F002BT-XX K	5.1	M822
88EFA3	M29F002BT-XX N	5.1	M841
08EFA3	M29F002BT-XX P	5.1	M811
18FED3	M29F002NT-XX K	5.1	M822
88FED3	M29F002NT-XX N	5.1	M841
08FED3	M29F002NT-XX P	5.1	M811
18FFA3	M29F002T-XX K	2.0	G,M822
08FFA3	M29F002T-XX P	2.0	G,M811
18DF76	M29F010B-XX K	5.3	M822
88DF76	M29F010B-XX N	5.3	M841
08DF76	M29F010B-XX P	5.3	M811
18DF78	M29F040B-XX K	5.3	M822
08DF78	M29F040B-XX P	5.1	M811
18FF78	M29F040-XX K	2.0	G,M822
88FF78	M29F040-XX N,R	2.0	M841
88FF79	M29F080A-XX N	5.4	M843
38FF50	M29F100B-XX M	2.0	M835
88FF50	M29F100B-XX N	2.0	M845
38FF51	M29F100T-XX M	2.0	M835
88FF51	M29F100T-XX N	2.0	M845
38FF52	M29F200B-XX M	2.0	M835
88FF52	M29F200B-XX N	2.0	M845
38FF53	M29F200T-XX M	2.0	M835
88FF53	M29F200T-XX N	2.0	M845
38FF54	M29F400B-XX M	2.0	M835
88FF54	M29F400B-XX N	2.0	M845
38FF55	M29F400T-XX M	2.0	M835
88FF55	M29F400T-XX N	2.0	M845
18FF75	M29F512B-XX K	5.7	M822
88FF75	M29F512B-XX NZ	5.7	M8414
38FF96	M29F800B-XX M	5.0	M835
88FF96	M29F800B-XX N	5.0	M845
38FF97	M29F800T-XX M	5.0	M835
88FF97	M29F800T-XX N	5.0	M845
38DF96	M29F800AB-XX M	5.1	M835
88DF96	M29F800AB-XX N	5.1	M845
38DF97	M29F800AT-XX M	5.1	M835
88DF97	M29F800AT-XX N	5.1	M845
88CFA4	M29W004BB-XX N	5.8	M842
88CFA5	M29W004BT-XX N	5.8	M842
18FE78	M29W040-XX K	2.0	M822
88FE78	M29W040-XX N (R)	2.0	M841
88CF58	M29W160BB-XX N	5.8	M845
88CF59	M29W160BT-XX N	5.8	M845
38EF54	M29W400B-XX M	2.0	M835
88EF54	M29W400B-XX N	2.0	M845
38EF55	M29W400T-XX M	2.0	M835
88EF55	M29W400T-XX N	2.0	M845
38CF96	M29W800AB-XX M	5.4	M835
88CF96	M29W800AB-XX N	5.4	M845
38CF97	M29W800AT-XX M	5.4	M835
88CF97	M29W800AT-XX N	5.4	M845
38EF96	M29W800B-XX M	5.0	M835
88EF96	M29W800B-XX N	5.0	M845
38EF97	M29W800T-XX M	5.0	M835
88EF97	M29W800T-XX N	5.0	M845
18F0A5	M87C257 C	5.1	M821

SyncMOS

Code	Device	Rev	Module
FLASH			
1D0FA0	F29C51001B-XX J	5.7	M822
0D0FA0	F29C51001B-XX P	5.7	M811
8D0FA0	F29C51001B-XX T	5.7	M841
1D0FA1	F29C51001T-XX J	5.7	M822
0D0FA1	F29C51001T-XX P	5.7	M811
8D0FA1	F29C51001T-XX T	5.7	M841
1D0FA2	F29C51002B-XX J	5.7	M822
0D0FA2	F29C51002B-XX P	5.7	M811
8D0FA2	F29C51002B-XX T	5.7	M841
1D0FA3	F29C51002T-XX J	5.7	M822
0D0FA3	F29C51002T-XX P	5.7	M811
8D0FA3	F29C51002T-XX T	5.7	M841
1D0FA4	F29C5104B-XX J	5.6	G,M822
0D0FA4	F29C5104B-XX P	5.6	G,M811
8D0FA4	F29C5104B-XX T	5.6	M841
1D0FA5	F29C5104T-XX J	5.6	G,M822
0D0FA5	F29C5104T-XX P	5.6	G,M811
8D0FA5	F29C5104T-XX T	5.6	M841

TEMIC

Code	Device	Rev	Module
MICROS			
040A00	TS87C51-XXCA	2.0	M814
140A00	TS87C51-XXCB	2.0	M824
041ADE	TS87C51RD2-XC A,J	5.4	M814
141ADE	TS87C51RD2-XC B,K	5.4	M824
040A1C	TS87C52-XXCA	2.0	M814
140A1C	TS87C52-XXCB	2.0	M824
042A1C	TS87C52X2-LC A,J	5.4	M814
142A1C	TS87C52X2-LC B,K	5.4	M824
041A1C	TS87C52X2-MC/VC A,J	5.4	M814
141A1C	TS87C52X2-MC/VC B,K	5.4	M824
041A1A	TS87C54/51RB2-X A,J	5.4	M814
141A1A	TS87C54/51RB2-X B,K	5.4	M824
042A02	TS87C54X2-LC A,J	5.4	M814
142A02	TS87C54X2-LC B,K	5.4	M824
041A02	TS87C54X2-MC/VC A,J	5.4	M814
141A02	TS87C54X2-MC/VC B,K	5.4	M824
041A1B	TS87C58/51RC2-X A,J	5.4	M814
141A1B	TS87C58/51RC2-X B,K	5.4	M824
042A03	TS87C58X2-LC A,J	5.4	M814
142A03	TS87C58X2-LC B,K	5.4	M824
041A03	TS87C58X2-MC/VC A,J	5.4	M814
141A03	TS87C58X2-MC/VC B,K	5.4	M824
140AC8	TSC87251G1	2.0	M824

TENX

Code	Device	Rev	Module
FLASH			
0B7FE6	ICE28LF010-XX DIP	5.8	M811
1B7FE6	ICE28LF010-XX PLCC	5.8	M822

TEXAS INSTRUMENTS

Code	Device	Rev	Module
EPROM			
04E0E0	TMS2516-XX JC	1.0	G,M811
04E0E8	TMS2532 JL	1.0	G,M811
04E0E1	TMS2732A-XX J	1.0	G,M811
04E0E2	TMS2764	1.0	G,M811
04F0F6	TMS27C010A-XX J	1.0	G,M811
04F0F7	TMS27C020-XX J	1.0	G,M811
04F0F8	TMS27C040-XX J	1.0	G,M811
04F0F3	TMS27C128-XX J,N	1.0	G,M811
04E0D6	TMS27C210-XX J	1.0	G,M812
04F0D6	TMS27C210A-XX J	1.0	G,M812
04F0D8	TMS27C240-XX J	1.0	G,M812
04F0F4	TMS27C256-XX J,N	1.0	G,M811
04F0F5	TMS27C512-XX J,N	1.0	G,M811
14F0F6	TMS27PC010A FM	1.0	G,M822
04F0F6	TMS27PC010A-XX J	1.0	G,M811
14F0F7	TMS27PC020-XX FM	1.0	G,M822
04F0F7	TMS27PC020-XX J	1.0	G,M811
14F0F8	TMS27PC040 FM	1.0	G,M822
04F0F8	TMS27PC040-XX J	1.0	G,M811
14F0F3	TMS27PC128-XX FM	1.0	M821
04F0F3	TMS27PC128-XX J,N	1.0	G,M811
14E0D6	TMS27PC210-XX FM	1.0	M823
14F0D6	TMS27PC210A-XX FM	1.0	M823
14F0F4	TMS27PC256-XX FM	1.0	M821
04F0F4	TMS27PC256-XX J,N	1.0	G,M811
14F0F5	TMS27PC512-XX FM	1.0	M821
04F0F5	TMS27PC512-XX J,N	1.0	G,M811
04F0A5	TMS87C257 D,P	1.0	G,M811
FLASH			
84FFE6	TMS28F010A-XX DD,DV	1.0	M841
04FFE6	TMS28F010A-XX N	1.0	G,M811
14FFE6	TMS28F010A-XXFM	1.0	G,M822
84FFE7	TMS28F020-XX DD	1.0	M841
14FFE7	TMS28F020-XX FM	1.0	G,M822
34FF92	TMS28F200BZ-BXXX DBJ M835		2.0
34FF93	TMS28F200BZ-TXXX DBJ M835		2.0
14FF66	TMS28F210-XX FM	1.0	M823

04FF66	TMS28F210-XX N	1.0	G,M812
34FF94	TMS28F400BZ-BXXX DBJ M835		2.0
34FF95	TMS28F400BZ-TXXX DBJ M835		2.0
84FFE5	TMS28F512A-XX DD,DV	1.0	M841
14FFE5	TMS28F512A-XX FM	1.0	G,M822
04FFE5	TMS28F512A-XX N	1.0	G,M811
84FF78	TMS29F040-XXCSDD	5.6	M841
14FF78	TMS29F040-XXCSFM	5.6	M822
14FFE0	TMS29F256-XX FM	1.0	G,M822
04FFE0	TMS29F256-XX J,N	1.0	G,M811

TOSHIBA

Code	Device	Rev	Module
EPROM			
0EF0F6	TC571000(A)D-XX	1.0	G,M811
1EF0F6	TC541000J-XX	1.0	G,M822
0EFFF6	TC571001(A)D-XX	1.0	G,M811
1EFFF6	TC541001J-XX	1.0	G,M822
0EFFDA	TC5716200D-XX	1.0	M813
0EE0E4	TC57256AD-XX	1.0	G,M811
0EF0F8	TC574000D-XX	1.0	G,M811
0EF0D8	TC574096D-XX	1.0	G,M812
0EFFD8	TC574200D-XX	1.0	M813
0EF0F5	TC57512AD-XX	1.0	G,M811
0EFFD9	TC578200D-XX	1.0	M813
0EF0F6	TC57H1000(A)D-XX	1.0	G,M811
0EFFF6	TC57H1001(A)D-XX	1.0	G,M811
0EF0D6	TC57H1024AD-XX	1.0	G,M812
0EF0D6	TC57H1025AD-XX	1.0	G,M812
0EF0F4	TC57H256D-XX	1.0	G,M811
0EF0E4	TMM27256BD-XX	1.0	G,M811
0EE0F4	TMM27256D-XX	1.0	G,M811
0EF0E5	TMM27512AD-XX	1.0	G,M811
FLASH			
FEFF20	SHARP LH28F016 DIMM	5.0	M891
0EFFE6	TC58F010P-XX	1.0	G,M811
8EFF54	TC58F400FT	3.1	M845
8EFF55	TC58F401FT	3.1	M845
8EEF54	TC58FVB400FT-XX	5.3	M845
8EEF56	TC58FVB800FT-XX	5.3	M845
8EEF55	TC58FVT400FT-XX	5.3	M845
8EEF57	TC58FVT800FT-XX	5.3	M845

WINBOND

Code	Device	Rev	Module
EPROM			
0E80F6	W27E010-XX	1.0	G,M811
1E80F6	W27E010P-XX	1.0	G,M822
0E80F7	W27E020-XX	5.0	G,M811
1E80F7	W27E020P-XX	5.0	G,M822
0E80F8	W27E040-XX	5.0	G,M811
1E80F8	W27E040P-XX	5.0	G,M822
0E80F4	W27E257-XX	1.0	G,M811
1E80F4	W27E257P-XX	1.0	M821
0E80D8	W27E4096-XX	2.1	G,M812
0E80F5	W27E512-XX	1.0	G,M811
1E80F5	W27E512P-XX	1.0	M821
FLASH			
0E8F76	W29C010-XX	5.0	G,M811
1E8F76	W29C010P-XX	5.0	G,M822
0E7FE6	W29C011A-XX	5.0	G,M811
1E7FE6	W29C011AP-XX	5.0	G,M822
0E8F77	W29C020-XX	2.0	G,M811
1E8F77	W29C020P-XX	2.0	G,M822
8E8F77	W29C020T-XX	2.0	M841
0E8FE8	W29C040-XX	2.1	G,M811
1E8FE8	W29C040P-XX	2.1	G,M822
8E8FE8	W29C040T-XX	2.1	M841
0E8F66	W29C102-XX	3.0	M812
1E8F66	W29C102P-XX	3.0	M823
0E8FE6	W29EE011-XX	2.0	G,M811
8E8FE6	W29EE011T-XX	5.8	M841
0E8FE5	W29EE512-XX	5.6	G,M811
1E8FE5	W29EE512P-XX	5.6	G,M822
8E8FE5	W29EE512T-XX	5.6	M841
0E6FA2	W49F002(B)-XX	5.4	M811
1E6FA2	W49F002(B)P-XX	5.4	M822
8E6FA2	W49F002(B)Q-XX	5.4	M841
8E6FA3	W49F002U/HQ-XX	5.4	M841
0E6FA3	W49F002U/N-XX	5.4	M811
1E6FA3	W49F002U/NP-XX	5.4	M822
1E61F0	W49V002P-XX	5.6	M822
MICRO			
0E84D0	W78E516B	5.6	M814
1E84D0	W78E516BP	5.6	M824

WSI

Code	Device	Rev	Module
EPROM			
0BD0F6	WS27C010L-XX D,P	1.0	G,M811
1BD0F6	WS27C010L-XX J	1.0	G,M822
0BD0D6	WS27C210F/LS-XX D	1.0	G,M811
1BD0D6	WS27C210F/LS-XX J	1.0	G,M822
0BC0F4	WS27C256F,57C256F-XD	5.0	G,M811
1BC0F4	WS57C256F-X J	5.0	G,M822

XICOR

Code	Device	Rev	Module
EEPROM			
0C95A0	X24C00	2.0	M815
0C95A3	X24C01A X24012	2.0	M815
0C95A4	X24C02 X24022	2.0	M815
0C95A5	X24C04 X24042	2.0	M815
0C95A6	X24C08	2.0	M815
0C95A7	X24C16 X24164	2.0	M815
0C95B3	X25010	2.0	M815
0C95B4	X25020	2.0	M815
0C95B5	X25040	2.0	M815
0C95B6	X25080 P	2.0	M815
0C95BA	X25128 P	2.0	M815
0C95B7	X25160 P	2.0	M815
0C95B8	X25320 P	2.0	M815
0C95B9	X25640/1 P	2.0	M815
0C73B6	X25F008P	2.0	M815
0C75B6	X25F008P-5	2.0	M815
0C73B7	X25F016P	2.0	M815
0C75B7	X25F016P-5	2.0	M815
0C73B8	X25F032P	2.0	M815
0C75B8	X25F032P-5	2.0	M815
0C73B9	X25F064P	2.0	M815
0C75B9	X25F064P-5	2.0	M815
0C73BA	X25F128P	2.0	M815
0C75BA	X25F128P-5	2.0	M815
0C8ECA	X2804A(I)-XX	1.0	G,M811
0C9EC0	X2816B,C D,P	1.0	G,M811
1C9EC0	X2816B,C J	1.0	M821
0C9EC4	X28256 D,P	1.0	G,M811
1C9EC4	X28256 J	1.0	M821
1C8EC2	X2864A J	1.0	M821
0C8EC2	X2864A D,P	1.0	G,M811
1C9EC2	X2864B,H -J	1.0	M821
0C9EC2	X2864B,H D,P	1.0	G,M811
0C9FC6	X28C010 D	1.0	G,M811
1C9FC6	X28C010 J	1.0	G,M822
0C9FC4	X28C256 D,P	1.0	G,M811
1C9FC4	X28C256 J	1.0	M821
0C9FC5	X28C512 D,P	1.0	G,M811
1C9FC2	X28C64 J	1.0	M821
0C9FC2	X28C64,641 D,P	1.0	G,M811
0C9DC4	X28HC256(I)-XX D,P	1.0	G,M811
1C9DC4	X28HC256(I)-XX J	1.0	M821
1C9DC2	X28HC64 J	1.0	M821
0C9DC2	X28HC64-XX D,P	1.0	G,M811

XILINX

Code	Device	Rev	Module
EPROM			
03A515	XC1701/L PD8	2.0	M815
039327	XC17128D/L-PD8	2.0	M815
03A327	XC17128E/EL/X PD8	2.0	M815
038330	XC1718D/L-PD8	2.0	M815
039381	XC17256D/L-PD8	2.0	M815
03A381	XC17256E/EL/X PD8	2.0	M815
038149	XC1736D/L-PD8	2.0	M815
03A149	XC1736E/EL/X PD8	2.0	M815
03A514	XC17512L PD8	2.0	M815
038273	XC1765D/L-PC8	2.0	M815
03A273	XC1765E/EL/X PD8	2.0	M815

Device Specific Information for the P801

ACER LABORATORIES M6789 Microcontroller

These microcontrollers have four Key bytes. These should be loaded to the programmer RAM at addresses 10000h to 10003h. To enable programming of these bytes set SECURITY 0 to PROGrammed in the SEQuence, SECURITY menu.
To program Lock bts 1,2 & 3 set SECURITY 1, 2 and 3 to PROGrammed in the SEQunces, SECURITY menu.

ALLIANCE 29F080 Flash device

The P801only supports 8 bit gang, and 8bit 1of4 modes on this device.

AMD Am29DL162/163 Flash Devices

These devices raae divided into a number of sectors which may be locked in blocks. To lock each block set the appropriate security bits in the SEQuence, SECURITY menu. See the table below

	Am29DL162/3CB		Am29Dl162.3CT	
	Sector Number	**Address**	**Sector Number**	**Address**
SECURITY 00	SA0	0-FFF	SA0	0-7FFF
SECURITY 01	SA1	1000-1FFF	SA1-SA3	8000-1FFFF
SECURITY 02	SA2	2000-2FFF	SA4-SA7	20000-3FFFF
SECURITY 03	SA3	3000-3FFF	SA8-SA11	40000-5FFFF
SECURITY 04	SA4	4000-4FFF	SA12-SA15	60000-7FFFF
SECURITY 05	SA5	5000-5FFF	SA16-SA19	80000-9FFFF
SECURITY 06	SAA6	6000-6FFF	SA20-SA23	A0000-BFFFF
SECURITY 07	SA7	7000-7FFF	SA24-SA27	C0000-DFFFF
SECURITY 08	SA8-SA10	8000-1FFFF	SA28-SA30	E0000-F7FFF
SECURITY 09	SA11-SA14	20000-3FFFF	SA31	F8000-F8FFF
SECURITY 10	SA15-SA18	40000-5FFFF	SA32	F9000-F9FFF
SECURITY 11	SA19-SA22	60000-7FFFF	SA33	FA000-FAFFF
SECURITY 12	SA23-SA26	80000-9FFFF	SA34	FB000-FBFFF
SECURITY 13	SA27-SA30	A0000-BFFFF	SA35	FC000-FCFFF
SECURITY 14	SA31-SA34	C0000-DFFFF	SA36	FD000-FDFFF
SECURITY 15	SA35-SA37	E0000-F7FFF	SA37	FE000-FEFFF
SECURITY 16	SA38	F8000-FFFFF	SA38	FF000-FFFFF

Note: The SecSi Sector Flash region is not supported by the P801.

AMD 29F010, 29F002, 29F040 Flash devices

These devices are divided into a number of blocks each of which may be locked by the programmer to prevent inadvertent programming. The lock bits are programmed by the security function in the SEQ menu. Security 0 is for the lowest address block through to security n for the highest. The illegal bit function will automatically unlock all blocks before programming, they will stay unlocked unless the security bits are set for programming.

AMD 29F040 Flash devices

There are 2 versions of this silicon, which unlock differently. If a mix of the 2 parts are programmed at the same time, the unit will return mis-matched parts. The parts must be programmed in 2 hits.

AMD 29F080 Flash device

The P801 does not support sector lock / unlock for the TSOP device, The SOIC package is only supported in 8 bit gang, and 8bit 1of4 modes.

AMD 29LV017, 29LV116 devices

These devices have 35 sectors which are compressed to 32.
blocks 100000, 110000 are combined, 120000, 130000 are combined, 140000, 15000 are combined.

AMD, FUJITSU 29F016

These devices have 32 sectors, which the P801 erases in 8 blocks of 4 sectors.

AMD 87C521 & 87C541 micro controllers

In addition to the standard features of an 87C51 type microcontroller, these devices have a programmable watchdog timer. The data required to program this option must be loaded into the RAM immediately following the encryption table. Note that the watchdog configuration is fuse programmable and hence once programmed may not be erased. The unprogrammed state of the option is 00h therefore setting the RAM to the empty state will not set these bits correctly (they will NOT be set to 00h, but to ffh).

ATMEL 17C65,128 & 256

These devices have programmable polarity of their RESET pin. The polarity can be selected by setting the SECURITY 0 selection in the SEQ menu. Leaving it as unprogrammed leaves the RESET polarity as active high. Setting it to PROGrammed will cause the RESET polarity to be programmed to active low.

ATMEL AT29C020 & AT29C040 PEROM.

These devices, as well as having software data protection, have two 16k boot blocks. When the boot blocks are secured they cannot be reprogrammed or erased.
To enable the software data protection set SECURITY 00 to PROGrammed in the SEQuence, SECURITY menu. To protect the low boot block starting at address 0 set SECURITY 01 to PROGram in the SEQuence, SECURITY menu. To protect the high boot block set SECURITY 02 to PROGram in the SEQuence, SECURITY menu.

ATMEL AT49BV1604/14/18 Flash proms

These devices have 40sectors which are compressed to 32.
blocks 70000, 78000 are combined 80000, 88000 are combined 90000, 98000 are combined, A0000, A8000 are combined B0000, B8000 are combined, C0000, C8000 are combined, D0000, D8000 are combined,E0000,E8000 are combined. These are word addresses.

ATMEL AT89C51, AT89C52 & AT89C55 microcontrollers

These devices have three lock bits. They can be programmed by setting SECURITY1, 2, & 3 in the SECURITY selection of the SEQ menu. They correspond to lock bits 1, 2, & 3 respectively. Since the device is ALWAYS erased before programming they will be cleared unless set to be programmed in this menu. Note that it is a requirement of the programming algorithm that the device always be erased before programming.
Note that lock bit 2 which prevents reading of the device also prevents reading of the silicon ID. Therefore devices which have lock bit 2 programmed will show CONNECT ERROR.

ATMEL AT89C1051 & AT89C2051 microcontrollers

These devices have two lock bits. They can be programmed by setting SECURITY 1, &2 in the SECURITY selection of the SEQ menu. They correspond to lock bits 1, & 2 respectively. Since the device is ALWAYS erased before programming they will be cleared unless set to be programmed in this menu. Note that it is a requirement of the programming algorithm that the device always be erased before programming.

ATMEL AT89S8252 & AT89S53 microcontroller.

This device has three lock bits. They can be programmed by setting SECURITY 1, 2, & 3 in the SECURITY selection of the SEQ menu. They correspond to lock bits 1, 2, & 3 respectively. Since the device is ALWAYS erased before programming they will be cleared unless set to be programmed in this menu. Note that it is a requirement of the programming algorithm that the device always be erased before programming.
Note that lock bit 2 which prevents reading of the device also prevents reading of the silicon ID. Therefore devices which have lock bit 2 programmed will show CONNECT ERROR.

An additional feature of this device is that it has a serial programming mode permitting in-circuit programming. The serial programming feature may be disabled by setting SECURITY 4 to PROGram.
The **AT89S8252** has EEPROM storage for data as well as the normal FLASH program storage. The data for the EEPROM array must be loaded to the programmer RAM at addresses 2000h to 27ffh. The programmer will automatically erase and program the EEPROM with the data at these addresses.

ATMEL AT90S1200 microcontrollers

These devices have four lock bits. Setting SECURITY 1 & 2 in the SECURITY selection of the SEQ menu correspond to lock bits 1, & 2 respectively. Since the device is ALWAYS erased before programming they will be cleared unless set to be programmed in this menu. Note that it is a requirement of the programming algorithm that the device always be erased before programming. Setting SECURITY 3 & 4 in the SECURITY selection of the SEQ menu corresponds to the internal RC oscillator being enabled and serial programming feature (SPI) being disabled .

CYPRESS CY7271 PROM.

This device must be empty before programming, so if pre-program is set to bit check, an empty check will be done instead.

DALLAS 87C520/530

These microcontrollers in addition to the code area have encryption array, lock bits and an option byte. The data for the encryption array must be loaded into RAM immediately following the code area.
The programming of the encryption array and lock bits is controlled by the security selection. The encryption programming is selected by SECURITY 00, lock bit 1 by SECURITY 01, lock bit 2 by SECURITY 02 etc.
The data for the option byte is loaded into RAM immediately following the encryption array. Currently the only valid data is FFh (unprogrammed), and F7h to enable the watchdog reset function.

EEPROMS with software data protection.

The P801 will automatically unlock these devices prior to programming. To relock the devices after programming set security 0 to PROG in the SEQence SECURITY menu.

FUJITSU 29F002, 29F040 Flash devices

These devices are divided into a number of blocks each of which may be locked by the programmer to prevent inadvertent programming. The lock bits are programmed by the security function in the SEQ menu. Security 0 is for the lowest address
block through to security n for the highest. The illegal bit function will automatically unlock all blocks before programming, they will stay unlocked unless the security bits are set for programming.

FUJITSU 29F080 Flash device

The P801 does not support sector lock / unlock on this device.

FUJITSU 29LV160

These devices have 35sectors which are compressed to 32.
blocks 80000, 88000 are combined, 90000, 98000 are combined, A0000, A8000 are combined.

Flash devices

The illegal bit pre-program test will check if the part, or sectors of the part, need erasing and then erase them. If erasure is necessary to program the required information into the device the P801 will erase the device automatically UNLESS the device range has been restricted such that it is less then the size of an erasable block.
In devices with erasable blocks only those blocks which require erasure will be erased. Other blocks will only be programmed.
If the illegal bit test is disabled, then the parts will not be erased, and may cause a program fail.

INTEL, LG SEMICON, SIEMENS and PHILIPS 87C51 type microcontrollers

These microcontrollers in addition to the code area have encryption array and lock bits. The data for the encryption array must be loaded into RAM immediately following the code area.
The programming of the encryption array and lock bits is controlled by the security selection. The encryption programming is selected by SECURITY 00, lock bit 1 by SECURITY 01, lock bit 2 by SECURITY 02 etc.

INTEL, TEMIC 87C151SA/SB & 87C251SA/SB

These microcontrollers in addition to the code area have encryption array, lock bits and configuration bytes. The data for the encryption array must be stored immediately after the code area. The programming of the encryption array and lock bits is controlled by the security selection. The encryption programming is selected by SECURITY 0, lock bit 1 by SECURITY 1, lock bit 2 by SECURITY 2 etc. The two configuration bytes are stored after the encryption array.

INTEL, SHARP 28F32SA/U

These parts have 64 lock bits, which the P801 condensed into 32 by combining adjacent blocks (SECURITY 00 to 31).

INTEL, SHARP 28F004SC/5/3

These devices have 8 lock bits, which the P801 condensed into 4 by combining adjacent blocks (SECURITY 00 to 03). SECURITY 04 is used as the master lock bit.

INTEL, SHARP 28F008SC/5/3

These devices have 16 lock bits, which the P801 condensed into 8 by combining adjacent blocks (SECURITY 00 to 07). SECURITY 08 is used as the master lock bit.

INTEL, SHARP 28F016SC/5/3

These devices have 32 lock bits, which the P801 condensed into 16 by combining adjacent blocks (SECURITY 00 to 15). SECURITY 16 is used as the master lock bit.

INTEL 28F800C3, 28F160C3, 28F320C3

These devices have a 64 bit user-programmable protection register. The four words of data to be programmed into this area must be loaded into the programmer RAM immediately following the main array data. The programming of the protection area is enabled by setting SECURITY 0 to PROGrammed in the SEQuence, SECURITY menu.

ISSI

These microcontrollers in addition to the code area have encryption array and lock bits. The data for the encryption array must be loaded into RAM immediately following the code area. In 1of8 mode this is after 8x the device code size.

The programming of the encryption array and lock bits is controlled by the security selection. The encryption programming is selected by SECURITY 00, lock bit 1 by SECURITY 01, lock bit 2 by SECURITY 02 etc.

MACRONIX MX29L1611G

It is possible to lock the top and bottom sectors in this device. To lock the bottom sector set SECURITY 0 to PROGram in the SEQuence, SECURITY menu and to lock the top sector set SECURITY 31 to PROGram.

MACRONIX MX10FLCD & MX10FMAXD microcontrollers

These microcontrollers in addition to the code area have lock bits. The programming of the lock bits is controlled by the security selection. Lock bit 1is controlled by SECURITY 01, lock bit 2 by SECURITY 02 etc.

MICROCHIP, MOTOROLA, LUCENT 17LV36, 17LV65, 17LV128

These devices have programmable polarity of their RESET pin. The polarity can be selected by setting the SECURITY 0 selection in the SEQ menu. Leaving it as unprogrammed leaves the RESET polarity as active high. Setting it to PROGrammed will cause the RESET polarity to be programmed to active low.
These parts support 8 bit Gang only.

MICROCHIP 24C65, 24LC65

These devices contain 16 blocks which may be secured. These are paired into 8 security fuses. SECURITY 0 controls blocks 0 & 1, SECURITY 1 controls blocks 2 & 3 etc. Note that it is not possible to secure all blocks, if all security flags are set, block 15 will not be secured.
In this device 1 block can be programmed to high endurance. The programmer 5.7 the start address of the high endurance block to be placed in the programmer RAM at addresses 2000h & 2001h in gang, The high byte being in address 2000h, or 10000h.

MICROCHIP PIC12C508, 509 microcontrollers.

The format used from the MPALC.EXE assembler MUST be the 8-bit Merged Intellec format (INHX8M). The P801 format MUST be set to INTEL 16 BIT.
The PIC processors have a configuration word to program the oscillator type etc. This resides at address FFFh in the device. It must be loaded into the programmer RAM at address 1FFEh. To program the security function set SECURITY 0 to program in the SEQuence, SECURITY menu. If the calibration byte is blank it will be programmed with data from last used RAM location. If the byte is not blank, it will be left as is. If some blank devices, and some devices programmed at that location, are inserted, the programmer will return MISMATCHED PARTS.

MICROCHIP PIC16C54,55,56,57 microcontrollers.

The format used from the MPALC.EXE assembler MUST be the 8-bit Merged Intellec format (INHX8M). The P801 format MUST be set to INTEL 16 BIT.
The PIC processors have a configuration word to program the oscillator type etc. This resides at address FFFh in the device. It must be loaded into the programmer RAM at address 1FFEh. To program the security function set SECURITY 0 to program in the SEQuence, SECURITY menu.

MICROCHIP PIC16(L)C61, 62, 64, 65, 66, 67, 71, 73, 74, 76, 77, 554, 556, 558, 620, 621, 622

The format used from the MPALC.EXE assembler MUST be the 8-bit Merged Intellec format (INHX8M). The P801 format MUST be set to INTEL 16 BIT.
The PIC processors have a configuration word to program the oscillator type etc. This resides at address 2007h in the device. It must be loaded into the RAM at address 400Eh. To program CP0 set SECURITY 0 to PROGram in the SEQuence menu. To program CP1 set SECURITY 1 to PROGram. Note that the 16C61,71 have only CP0.

MICROCHIP PIC16(L)C84, F83, F84,F F870, F871, F872, F873, F874, F876, F877

The format used from the MPALC.EXE assembler MUST be the 8-bit Merged Intellec format (INHX8M). The P803 format MUST be set to INTEL 16 BIT.

The PIC processors have a configuration word to program the oscillator type etc. This resides at address 2007h in the device. It must be loaded into the RAM at address 400Eh In 1of8 mode the address is 400Eh+8000h x (socket number-1). To program CP0 set SECURITY 0 to PROGram in the SEQuence menu. To program CP1 set SECURITY 1 to PROGram. Note that 16C84,16F83 & 16|F84 have only CP0.

Data to be programmed into the data memory of the device is treated as if it resides at device address 2100h. It must be loaded into alternate RAM addresses starting at RAM address 4200h (byte) in gang mode.

MOTOROLA M29F010 & M29F040

These devices are divided into eight blocks each of which may be locked by the programmer to prevent inadvertent programming. The lock bits are programmed by the security function in the SEQ menu. SECURITY 00 is for the lowest address block through to SECURITY 07 for the highest. The programming function will automatically unlock all blocks which will stay unlocked unless the security bits are set for programming.

NATIONAL SEMICONDUCTOR & SGS-THOMSON serial EEPROMS with write protection.

The National & STM 93CSXX series of EEPROMS have a write protect register into which can be programmed an address where write protection commences. The address to be programmed must be stored in the programmer RAM address immediately following the EEPROM data e.g. for the 93CS06 it must be stored at address 20h. The write protection register is cleared automatically during a program operation. To enable programming of the write protection register set SECURITY 0 to PROGram in the SEQuence, SECURITY menu.
An additional one time programmable bit is also provided. Programming of this prevents further alteration of the write protect register. To program this bit set SECURITY 1 to PROGram in the SEQuence, SECURITY menu.

PHILIPS 87C748, 750, 751.

These microcontrollers in addition to the code EPROM have an encryption array and lock bits. The data for the encryption array must be loaded to the RAM immediately following the data for the code EPROM.
The programming of the encryption array and lock bits is controlled by the security selection. The encryption programming is selected by SECURITY 0, lock bit 1 by SECURITY 1, lock bit 2 by SECURITY 2.

PHILIPS P89C51RA+, RB+, RC+, RD+ microcontrollers

These microcontrollers have a boot vector which is used for ISP programming. The data to be programmed into the boot vector must be loaded into the programmer RAM immediately following the Flash PROM data. The default vector is FCh which points at the Boot ROM.

The programming of the lock bits is controlled by SECURITY 1, SECURITY 2 & SECURITY 3 in the SEQuence, SECURITY menu

PHILIPS P89C51Ux, P89C52Ux, P89C54Ux, P89C58Ux microcontrollers

The programming of the lock bits is controlled by SECURITY 1, SECURITY 2 & SECURITY 3 in the SEQuence, SECURITY menu

SERIAL EEPROMS with SPI interface(STM ST95P04C & XICOR 25 series)

These EEPROMs have two block protect bits which may be programmed to set a range of addresses to be protected. To program BP0 set SECURITY 0 to PROG in the SEQuence, SECURITY menu. To program BP1 set SECURITY 1 to PROG.
Note that the programmer will reset these bits to unprogrammed (no protection) prior to programming the device.

SST SST38UF166 & SST38VF166

These devices have two flash blocks and one EEPROM block. The data for block 1 must be loaded to programmer RAM starting at address 0, the data for block 2 starting at address 80000h and the data for block3 (EEPROM) at address 100000h.
Additionally the first page of the EEPROM can be seccured by setting SECURITY 0 to PROGrammed in the SEQuence, SECURITY menu.

SGS-THOMSON 29F040 Flash devices

These devices are divided into a number of blocks each of which may be locked by the programmer to prevent inadvertent programming. The lock bits are programmed by the security function in the SEQ menu. SECURITY 00 is for the lowest address block through to security n for the highest. The illegal bit function will automatically unlock all blocks before programming, they will stay unlocked unless the security bits are set for programming.

SGS-THOMSON 29W400 Flash devices

The first batch of silicon, can not be sector unlocked. Later batches will not have this problem.

SST 29EE010, 29EE020

These devices have software data protection. To enable the software data protection set SECURITY 00 to PROGrammed in the SEQuence, SECURITY menu.

WINBOND W29C020,W29C040.

These devices, as well as having software data protection, have two boot blocks. When the boot blocks are secured they cannot be reprogrammed or erased.
To enable the software data protection set SECURITY 00 to PROGrammed in the SEQuence, SECURITY menu. To protect the low boot block starting at address 0 set SECURITY 01 to PROGram in the SEQuence, SECURITY menu. To protect the high boot block set SECURITY 02 to PROGram in the SEQuence, SECURITY menu.

WINBOND W78E516B

The data to be programmed into the main program array of this device must be loaded to programmer RAM from address 0 to address ffffh. The data for the MTP area must be loaded immediately following. i.e address 10000h to address 10fffh.

The programming of the security is controlled by SECURITY 0 in the SEQuence. SECURITY menu.

The disabling of external fetches is controlled by SEURITY 1. The ecnryption is enabled by setting SECURITY2 to programmed and the oscillator control bit is controlled by SECURITY 7

The devices incorporate Flash technology. To erase an already programmed device turn on BIT CHECK in the SEQuence, PRE-PROGRAM menu. Note that a secured part can not be detected by the programmer and will display “ CONNECT ERROR”.

XICOR X24F008,016,032,064,128, XICOR X24165, 325, 645

These parts have 2 protect bits. These may be programmed by setting SECURITY 0 and SECURITY 1 to PROG in the SEQ menu. SECURITY 0 controls BP0 and SECURITY 1 controls BP1. Additionally parts have a programmable Hardware Write Protect Bit. This can be programmed by SECURITY 2.

XILINX XC17xx Serial EPROMs

These devices have a programmable polarity of their RESET pin. The polarity can be selected by setting the SECURITY 0 selection in the SEQ menu. Leaving it as unprogrammed leaves the RESET active high, setting the security bit will program the RESET to active low.

Microcontrollers

Microcontrollers do not support different bit modes on the P801.

Parts programmed in non Stag socket adaptors

The yield of parts programmed in socket adaptors not manufactured by Stag Programmers, can not be guaranteed.