



Overview Power Module

VDRM // VDMM // LDHM // FDSM // FISM // VISM

LED Step Down High Current Module (LDHM)

Input Rail (V)	U _{IN} (V)	U _{OUT} (V)	I _{OUT} max (V)	Package	Order Code Module	Order Code Evaluation Board
12, 24, 48	4.5 – 60	4.5 – 60	0.45	T0263-7EP	172 946 001	178 946 001

Variable Step Down Regulator Module (VDRM)

Input Rail (V)	U _{IN} (V)	U _{OUT} (V)	I _{OUT} max (V)	Package	Order Code Module	Order Code Evaluation Board
9, 12, 18, 24, 36	6 – 42	0.8 – 6	1	T0263-7EP	171 010 601	178 010 601
			2		171 020 601	178 020 601
			3		171 030 601	178 030 601
	6 – 36	5 – 24	5		171 050 601	178 050 601
	6 – 42		1		171 012 401	178 012 401
			2		171 012 402	178 012 402
	7 – 50	2.5 – 15	3		171 032 401	178 032 401
			2.5		BQFN-41	171 021 501
	3.3, 5	2.95 – 6	0.8 – 3.6		2	BQFN-39
4				171 040 302	178 040 302	
6				171 060 302	178 060 302	
5	4 – 18	0.8 – 17	1	LGA-16EP	171 011 801	178 011 801
9			171 021 801		178 021 801	
12			171 031 801		178 031 801	

Variable Step Down Micro Module (VDMM)

Input Rail (V)	U _{IN} (V)	U _{OUT} (V)	I _{OUT} max (A)	Package	Order Code Module	Order Code Evaluation Board
3.3, 5	2.7 – 5.5	0.6 – 5.5	0.6	LGA-6EP	171 960 501	178 960 501
	2.5 – 5.5	0.8 – 5.5	1		171 010 502	178 010 502

Fixed Step Down Regulator Module (FDSM)

Input Rail (V)	U _{IN} (V)	U _{OUT} (V)	I _{OUT} max(A)	Package	Order Code Module	Order Code Evaluation Board
9, 12, 18	6 – 28	3.3	0.5	SIP-3	173 950 378	178 00 FDSM
	7 – 28	5			173 950 578	
		3.3			173 010 378	
	8 – 28	5			173 010 578	
9, 12, 18, 24	7 – 42	3.3	1		173 010 342	
	8 – 42	5			173 010 542	

Fixed Isolated SIP Module (FISM)

Input Rail (V)	U _{IN} (V)	U _{OUT} (V)	P _{OUT} max (W)	V _{ISOLATION} funct. (V)	Package	Order Code Module	Order Code Evaluation Board
±10% from nominal V _{IN}	3.3	5	1	1000	SIP-4	177 920 501	178 920 5X1
	5					177 920 511	
	12					177 920 521	
	24					177 920 531	
	5					177 920 514	
	12					177 920 524	
	24	177 920 534					
	5	15	2000	SMT-8	176 861 512	178 00 FISM	
		12			176 881 212		
	3.3	5			176 920 502		
	5				176 920 512		
					176 920 522		
12							

Variable Isolated SIP Module (VISM)

Input Rail (V)	U _{IN} (V)	U _{OUT} (V)	P _{OUT} max (W)	V _{ISOLATION} funct. (V)	Package	Order Code Module	Order Code Evaluation Board
9, 12, 18, 24	8 – 42	3.3-6	1	2000	SIP-8	177 910 632 15	178 00 VISM

Overview Power Module

VDRM // VDMM // LDHM // FDSM // FISM // VISM



Input Rail (V)	Package (V)	U _{in} (V)		U _{out} (V)		I _{out} max (A)	Order Code Module	Order Code Evaluation Board
		min	max	min	max			
3.3 5 9 12 18 24 36 48	T0263-7EP BOFN-41 BOFN-39 LGA-16EP LGA-6EP SIP-3 SIP-4 SIP-7 SIP-8 SMT-8							
LED Step Down High Current Module (LDHM)								
		4.5		60	4.5	0.45	172 946 001	178 946 001
Variable Step Down Regulator Module (VDRM)								
		6		42	0.8	6	171 010 601	178 010 601
		6		42	0.8	6	171 020 601	178 020 601
		6		36	0.8	6	171 030 601	178 030 601
		6		42	5	24	171 050 601	178 050 601
		6		42	5	24	171 012 401	178 012 401
		6		42	5	24	171 012 402	178 012 402
		6		42	5	24	171 032 401	178 032 401
		7		50	2.5	15	171 021 501	178 021 501
		2.95		6	0.8	3.6	171 020 302	178 020 302
		4		18	0.8	17	171 040 302	178 040 302
		4		18	0.8	17	171 060 302	178 060 302
		4		18	0.8	17	171 011 801	178 011 801
		4		18	0.8	17	171 021 801	178 021 801
		4		18	0.8	17	171 031 801	178 031 801
Variable Step Down Micro Module (VDMM)								
		2.7		5.5	0.6	5.5	171 960 501	178 960 501
		2.5		5.5	0.8	5.5	171 010 502	178 010 502
Fixed Step Down Regulator Module (FDSM)								
		6		28	3.3	0.5	173 950 378	178 00 FDSM
		7		28	5	0.5	173 950 578	
		7		28	3.3	0.5	173 010 378	
		8		28	5	0.5	173 010 578	
		7		42	3.3	1	173 010 342	
		8		42	5	1	173 010 542	
Fixed Isolated SIP Module (FISM)								
±10% from nominal V _N		3.3					177 920 501	178 920 5X1
		5					177 920 511	
		12					177 920 521	
		24			5	0.2	177 930 531	178 920 5X4
		5					177 920 514	
		12					177 920 524	
		24					177 920 534	178 00 FISM
		5			15	0.066	176 861 512	
		5			12	0.084	176 881 212	
		3.3					176 920 502	
		5			5	0.2	176 920 512	178 00 FISM
		12					176 920 522	
Variable Isolated SIP Module (VISM)								
		8		42	3.3	6	177 910 632 15	178 00 VISM

