

(13) POWER MOS FET MODULE

a) S-8M SERIES (3in1)

Package Style	Composition	Type NO.	MAX. RATINGS			R _{DS(ON)} (Ω)		V _{GS} (V)	I _D (A)	4V Gate Drive	Circuit Symbol
			V _{DSS} (V)	I _D (A)	P _T (T=25°C) (W)	TYP.	MAX				
			<input type="radio"/> SIP 8 Pin <input type="radio"/> Full Molding	Nch×3	MP3202	60	5	3	0.12	0.20	10
	MP3201	120	3		3	0.33	0.45	10	1.5	<input type="radio"/>	

b) S-10M SERIES (4 in 1)

<input type="radio"/> SIP 10 Pin <input type="radio"/> Full Molding	Nch×4	MP4205	60	2	4	0.28	0.37	10	1	<input type="radio"/>	S-10CM
		MP4204	60	5	4	0.15	0.27	10	2.5	<input type="radio"/>	
		MP4202	60	5	4	0.12	0.20	10	2.5	<input type="radio"/>	
		MP4201	120	3	4	0.33	0.45	10	1.5	<input type="radio"/>	
	Pch×4	MP4203	-60	-5	4	0.30	0.40	-10	-2.5	<input type="radio"/>	

c) S-12M SERIES (4 in 1, 6 in 1)

<input type="radio"/> SIP 12 Pin <input type="radio"/> Full Molding	Nch×4 with FB-Di	MP4406	60	2	4.4	0.28	0.37	10	1	<input type="radio"/>	S-12BM
		MP4405	60	5	4.4	0.15	0.27	10	2.5	<input type="radio"/>	
		MP4401	120	3	4.4	0.33	0.45	10	1.5	<input type="radio"/>	
		MP4403	120	5	4.4	0.20	0.30	10	2.5	<input type="radio"/>	
	Nch×4	MP4402	120	3	4.4	0.33	0.45	10	1.5	<input type="radio"/>	S-12AM
		MP4404	120	5	4.4	0.20	0.30	10	2.5	<input type="radio"/>	
	Pch×3+Nch×3	MP6401	±60	±5	4.4	0.15/0.30	0.27/0.40	10/-10	2.5/-2.5	<input type="radio"/>	S-12DM

d) F-12M SERIES (4 in 1)

<input type="radio"/> SIP 12 Pin <input type="radio"/> Isolated Heat Sink	Nch×4 with FB-Di	MP4701	120	3	36*	0.33	0.45	10	1.5	<input type="radio"/>	F-12BM
		MP4703	120	5	36*	0.20	0.30	10	2.5	<input type="radio"/>	
	Pch×4 with FB-Di	MP4706	-120	-5	36*	0.60	0.90	-10	-2.5	<input type="radio"/>	F-12FM
	Nch×4	MP4702	120	3	36*	0.33	0.45	10	1.5	<input type="radio"/>	F-12AM
		MP4704	120	5	36*	0.20	0.30	10	2.5	<input type="radio"/>	
	Pch×4	MP4705	-60	-5	36*	0.30	0.40	-10	-2.5	<input type="radio"/>	F-12AM
MP4707		-120	-5	36*	0.60	0.90	-10	-2.5	<input type="radio"/>		

*:T_c=25°C

e) L-14M SERIES

Package Style	Composition	Type NO.	MAX. RATINGS			R _{DS(ON)} (Ω)		V _{GS} (V)	I _D (A)	Circuit Symbol
			V _{DSS} (V)	I _D (A)	P _T (W)	TYP.	MAX			
			<input type="radio"/> SIP 14 Pin <input type="radio"/> Isolated Heat Sink	Nch×6	MP6101	250	10	120*	0.27	0.35

*:T_c=25°C

f) LL-11M SERIES

<input type="radio"/> SIP 11 Pin <input type="radio"/> Isolated Heat Sink	Nch×6	MP6702	250	±15	70*	0.20	0.27	10	15	L-11AM
		MP6704	500	±15	70*	0.4	0.5	10	10	L-11AM

*:T_c=25°C