



パワー-MOSFET / Power MOSFETs

■ パワー-MOSFET Power MOSFET

高性能パワー-MOSFET Intelligent power MOSFET

形 式 Device type	V _{DSS}	I _D	I _D (pulse)	R _{DS} (on) Max. *	P _D	V _{GSS}	V _{GS} (th) Typ.	パッケージ Package	質 量 Net mass Grams
	Volts	Amps.	Amps.	Ohms (Ω)	Watts	Volts	Volts		
F5018	40	8	-	0.14	15	-	-	K-pack	0.6
F5019	40	12	-	0.14	30	-	-	T-pack	1.6
F5020	40	3	-	0.40	10	-	-	K-pack	0.6
F5022	70	3	-	0.55	12	-	-	K-pack	0.6
F5023	40	12	-	0.14	30	-	-	TO-220AB	2.0
F5028	40	28	-	0.04	50	-	-	T-pack	1.6
F5029	40	18	-	0.07	38	-	-	TO-220AB	2.0
F5030	40	18	-	0.07	38	-	-	T-pack	1.6
F5031	40	14	-	0.07	20	-	-	K-pack	0.6
F5032	40	6	-	0.20	12	-	-	K-pack	0.6
F5033	40	1	-	0.60	0.60	-	-	SOP-8	0.2
F5041	40	1	-	0.60	1.5	-	-	SOP-8	0.2
F5042	40	8	-	0.14	15	-	-	K-pack	0.6
F5043	40	12	-	0.14	30	-	-	T-pack	1.6

* R_{DS} (on): V_{CC}=12V

IPS シリーズ (インテリジェントパワースイッチ) IPS series (Intelligent power switches)

自己保護機能・診断機能内蔵 Self protection and safety check

形 式 Device type	V _{DSS}	I _D	I _D (pulse)	R _{DS} (on) Max. *	P _D	V _{GSS}	V _{GS} (th) Typ.	パッケージ Package	質 量 Net mass Grams
	Volts	Amps.	Amps.	Ohms (Ω)	Watts	Volts	Volts		
F5016H	60	3	-	0.16	30	-	-	TO-220F5	2.3
F5017H	60	6	-	0.16	30	-	-	TO-220F5	2.3
F5021H	50	3	-	0.16	30	-	-	TO-220F5	2.3
F5038H	50	3	-	0.16	30	-	-	TO-220F5	2.3
F5044H	50	1	-	0.12	1.5	-	-	SOP-8	0.2

* R_{DS} (on): V_{CC}=12V

スイッチング電源用マルチチップパワーデバイス M-Power

Multi-chip power device M-Power for switching power supply

形 式 Device type	Power MOSFET (Main)		Power- MOSFET (Sub)		Control IC		パッケージ Package	質 量 Net mass Grams
	V _{DSS} Volts	R _{DS} (on) Ohms (Ω)	V _{DSS} Volts	R _{DS} (on) Ohms (Ω)	V _{CC} (on) Volts	T _J (OH) °C		
F9202	700	1.2	900	8.9	10	125 to 150	MPD7pin	3.8
F9203	700	0.8	900	8.9	10	125 to 150	MPD7pin	3.8
F9206	700	1.2	800	2	16.5	125 to 150	MPD7pin	3.8
F9207	700	0.8	800	2	16.5	125 to 150	MPD7pin	3.8
F9208	700	0.8	800	4.4	16.5	140 (Min.)	MPD7pin	3.8
F9209	700	0.6	800	4.4	16.5	140 (Min.)	MPD7pin	3.8
F9210	700	1.2	800	4.4	16.5	140 (Min.)	MPD7pin	3.8
F9211	800	1.1	800	2	16.5	125 to 150	MPD7pin	3.8
F9212	800	0.83	800	2	16.5	125 to 150	MPD7pin	3.8
F9221	500	0.9	500	0.9	16.5	125 to 150	MPD12pin	7.8
F9222	500	0.6	500	0.6	16.5	125 to 150	MPD12pin	7.8