

Power MOSFET

Trench power MOSFET

Device type	V _{DSS}	I _D	I _D (pulse)	R _{DS} (on) Max. *1	P _D	V _{GSS}	V _{GS} (th) Typ.	Package	Net mass Grams
	Volts	Amps.	Amps.	Ohms	Watts	Volts	Volts		
2SK3273-01MR	60	70	280	0.0065	70	±30	3.0	TO-220F15	2.3
2SK3270-01	60	80	320	0.0065	135	±30	3.0	TO-220AB	2.0
2SK3272-01L, S	60	80	320	0.0065	135	±30	3.0	T-pack	1.6
2SK3271-01	60	100	400	0.0065	155	±30	3.0	TO-3P	5.5

* R_{DS} (on): V_{GS}=10V

Intelligent power MOSFET

Device type	V _{DSS}	I _D	I _D (pulse)	R _{DS} (on) Max. *1	P _D	V _{GSS}	V _{GS} (th) Typ.	Package	Net mass Grams
	Volts	Amps.	Amps.	Ohms	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
F5026	40	52	-	0.02	85	-	-	TO-220AB	2.0
F5027	40	52	-	0.02	85	-	-	T-pack	1.6
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

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

IPS series (Intelligent power switches)

Self protection and safety check

Device type	V _{DSS}	I _D	I _D (pulse)	R _{DS} (on) Max. *1	P _D	V _{GSS}	V _{GS} (th) Typ.	Package	Net mass Grams
	Volts	Amps.	Amps.	Ohms	Watts	Volts	Volts		
F5001H	60	3	-	0.16	30	-	-	TO-220F5	2.3
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

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