

Power MOSFET

F-III / FAP-III series (N channel)

Logic level drive / Avalanche rated

Device type	V _{bss} Volts	I _D Amps.	I _D (pulse) Amps.	R _{DS} (on) Max. * ¹ Ohms	P _D * ² Watts	V _{GSS} Volts	V _{GS} (th) Typ. Volts	Package	Net mass Grams
2SK2248-01L, S	30	10	40	0.06	20	±16	1.5	K-pack	0.6
2SK2249-01L, S	30	10	40	0.06	35	±16	1.5	T-pack	1.6
2SK1505-MR	30	35	140	0.022	40	±20	1.5	TO-220F15	2.3
2SK2048-L, S	30	35	140	0.022	60	±20	1.5	T-pack	1.6
2SK2516-01L, S	30	50	200	0.013	80	±16	1.5	T-pack	1.6
2SK1083-MR	60	8	32	0.22	20	±20	1.5	TO-220F15	2.3
2SK2018-01L, S	60	10	40	0.1	20	±20	1.5	K-pack	0.6
2SK1096-MR	60	13	52	0.12	30	±20	1.5	TO-220F15	2.3
2SK1881-L, S	60	20	80	0.07	45	±20	1.5	T-pack	1.6
2SK1086-MR	60	20	80	0.07	35	±20	1.5	TO-220F15	2.3
2SK1387-MR	60	35	140	0.035	40	±20	1.5	TO-220F15	2.3
2SK1508	60	35	140	0.035	60	±20	1.5	TO-220AB	2.0
2SK1089	60	35	140	0.035	80	±20	1.5	TO-3P	5.5
2SK1946-01MR	60	45	180	0.022	50	±20	1.5	TO-220F15	2.3
2SK2517-01L, S	60	50	200	0.02	80	±20	1.5	T-pack	1.6
2SK2832-01R	60	50	200	0.02	80	±20	1.5	TO-220AB	2.0
2SK2049	60	50	200	0.025	80	±20	1.5	TO-220AB	2.0
2SK1389	60	50	200	0.025	125	±20	1.5	TO-3P	5.5
2SK1390-R	60	50	200	0.025	80	±20	1.5	TO-3PF	6.0
2SK1087-MR	100	12	48	0.17	35	±20	1.5	TO-220F15	2.3
2SK1817-MR	100	20	80	0.08	40	±20	1.5	TO-220F15	2.3
2SK2446-01L, S	100	30	120	0.055	80	±20	1.5	T-pack	1.6
2SK2954-01MR	100	30	120	0.055	50	±20	1.5	TO-220F15	2.3
2SK2050	100	30	120	0.055	80	±20	1.5	TO-220AB	2.0
2SK1506	120	50	200	0.03	150	±20	1.5	TO-3P	5.5
2SK2833-01	120	50	200	0.03	100	±20	1.5	TO-3PF	6.0
2SK1085-MR	150	3	12	0.9	20	±20	1.5	TO-220F15	2.3
2SK1098-MR	150	6	24	0.5	30	±20	1.5	TO-220F15	2.3
2SK1088-MR	150	9	36	0.3	35	±20	1.5	TO-220F15	2.3
2SK2098-01MR	150	20	80	0.08	50	±20	1.5	TO-220F15	2.3
2SK2226-01L, S	150	20	80	0.08	80	±20	1.5	T-pack	1.6

*¹ R_{DS} (on): V_{GS}=10V, *² P_D: T_C=25°C

FAP-III series (P channel)

Avalanche rated

Device type	V _{bss} Volts	I _D Amps.	I _D (pulse) Amps.	R _{DS} (on) Max. * ¹ Ohms	P _D * ² Watts	V _{GSS} Volts	V _{GS} (th) Typ. Volts	Package	Net mass Grams
2SJ472-01L, S	-30	-5	-20	0.4	15	±16	-1.5	K-pack	0.6
2SJ314-01L, S	-60	-5	-20	0.3	20	±20	-1.5	K-pack	0.6
2SJ473-01L, S	-60	-7	-28	0.2	20	±20	-1.5	K-pack	0.6
2SJ474-01L, S	-60	-7	-28	0.2	20	±20	-1.5	T-pack	1.6
2SJ475-01	-60	-25	-100	0.06	50	±20	-1.5	TO-220AB	2.0
2SJ476-01L, S	-60	-25	-100	0.06	50	±20	-1.5	T-pack	1.6
2SJ477-01MR	-60	-25	-100	0.06	40	±20	-1.5	TO-220F15	2.3

*¹ R_{DS} (on): V_{GS}=10V, *² P_D: T_C=25°C