



Power MOSFETs

Power MOSFET

FAP-IIIA series

High surge ruggedness

Device type	V _{DSS}	I _D	I _D (pulse)	R _{DS} (on) Max. ^{*1}	P _D ^{*2}	V _{GSS}	V _{GS} (th) Typ. Volts	Package	Net mass Grams
	Volts	Amps.	Amps.	Ohms	Watts	Volts	Volts		
2SK1822-01MR	60	20	80	0.07	35	±20	1.5	TO-220F15	2.3
2SK2259-01MR	60	40	160	0.03	40	±20	1.5	TO-220F15	2.3
2SK2165-01	60	40	160	0.03	100	±20	1.5	TO-3P	5.5
2SK2166-01R	60	40	160	0.03	80	±20	1.5	TO-3PF	6.0
2SK1969-01	60	50	200	0.017	125	±20	1.5	TO-3P	5.5
2SK1823-01R	60	50	200	0.017	80	±20	1.5	TO-3PF	6.0

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

FAP-IIIB series

Low-on resistance

Device type	V _{DSS}	I _D	I _D (pulse)	R _{DS} (on) Max. ^{*1}	P _D ^{*2}	V _{GSS}	V _{GS} (th) Typ. Volts	Package	Net mass Grams
	Volts	Amps.	Amps.	Ohms	Watts	Volts	Volts		
F8006N	20	5x2	60	0.048	2	±12	1	SOP-8	0.2 max
F7007N	30	7	84	0.025	2	±18	1.5	SOP-8	0.2 max
2SK2806-01	30	35	140	0.02	60	±16	1.5	TO-220AB	2.0
2SK2807-01L, S	30	35	140	0.02	60	±16	1.5	T-pack	1.6
2SK2808-01MR	30	35	140	0.02	40	±16	1.5	TO-220F15	2.3
2SK2687-01	30	50	200	0.01	60	±16	1.5	TO-220AB	2.0
2SK2688-01L, S	30	50	200	0.01	60	±16	1.5	T-pack	1.6
2SK2689-01MR	30	50	200	0.01	40	±16	1.5	TO-220F15	2.3
2SK3363-01	30	50	200	0.0068	80	±20	1.5	TO-220AB	2.0
2SK2890-01MR	30	50	200	0.0068	80	±16	1.5	TO-220F15	2.3
2SK2892-01R	30	90	360	0.0055	100	±16	1.5	TO-3PF	6.0
2SK2891-01	30	100	400	0.0055	125	±16	1.5	TO-3P	5.5
2SK2893-01	30	100	400	0.004	150	±16	1.5	TO-3P	5.5
2SK2894-01R	30	100	400	0.004	125	±16	1.5	TO-3PF	6.0
2SK2895-01	60	45	180	0.012	60	±20	1.5	TO-220AB	2.0
2SK2896-01L, S	60	45	180	0.012	60	±20	1.5	T-pack	1.6
2SK2897-01MR	60	45	180	0.012	40	±20	1.5	TO-220F15	2.3
2SK2900-01	60	45	180	0.015	60	±30	3.0	TO-220AB	2.0
2SK2901-01L, S	60	45	180	0.015	60	±30	3.0	T-pack	1.6
2SK2902-01MR	60	45	180	0.015	40	±30	3.0	TO-220F15	2.3
2SK3362-01	60	50	200	0.01	80	±20	1.5	TO-220AB	2.0
2SK2809-01MR	60	50	200	0.01	50	±20	1.5	TO-220F15	2.3
2SK3364-01	60	50	200	0.012	80	±30	3.0	TO-220AB	2.0
2SK2903-01MR	60	50	200	0.012	80	±30	3.0	TO-220F15	2.3
2SK2905-01R	60	70	280	0.012	100	±30	3.0	TO-3PF	6.0
2SK2691-01R	60	70	280	0.01	100	±20	1.5	TO-3PF	6.0
2SK2690-01	60	80	320	0.01	125	±20	1.5	TO-3P	5.5
2SK2904-01	60	80	400	0.012	125	±30	3.0	TO-3P	5.5
2SK2898-01	60	100	400	0.007	150	±20	1.5	TO-3P	5.5
2SK2899-01R	60	100	400	0.007	125	±20	1.5	TO-3PF	6.0
2SK2906-01	60	100	400	0.008	150	±30	3.0	TO-3P	5.5
2SK2907-01R	60	100	400	0.008	125	±30	3.0	TO-3PF	6.0
2SK3216-01	100	50	200	0.025	135	±30	3.0	TO-220AB	2.0
2SK3217-01MR	100	50	200	0.025	70	±30	3.0	TO-220F15	2.3
2SK3218-01	150	40	160	0.043	135	±30	3.0	TO-220AB	2.0
2SK3219-01MR	150	40	160	0.043	70	±30	3.0	TO-220F15	2.3
2SK3262-01MR	200	20	80	0.1	45	±20	1.5	TO-220F15	2.3

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