

Power MOSFET

FAP-IIA series (Continued)

Device type	V _{DS}	I _D	I _D (pulse)	R _{DS} (on) Max. ^{*1}	P _D ^{*2}	V _{GS}	V _{GS} (th) Typ. Volts	Package	Net mass Grams
	Volts	Amps.	Amps.	Ohms	Watts	Volts	Volts		
2SK1983-01	900	3	12	4.0	60	±30	3.0	TO-220AB	2.0
2SK2029-01L, S	900	3	12	4.0	60	±30	3.0	T-pack	1.6
2SK1984-01MR	900	3	12	4.0	40	±30	3.0	TO-220F15	2.3
2SK1942-01	900	3	12	4.0	80	±30	3.0	TO-3P	5.5
2SK2224-01R	900	3	12	4.0	50	±30	3.0	TO-3PF	6.0
2SK1945-01L, S	900	5	20	2.8	80	±30	3.0	T-pack	1.6
2SK1943-01	900	5	20	2.8	80	±30	3.0	TO-220AB	2.0
2SK1985-01MR	900	5	20	2.8	50	±30	3.0	TO-220F15	2.3
2SK1944-01	900	5	20	2.8	100	±30	3.0	TO-3P	5.5
2SK2272-01R	900	5	20	2.8	100	±30	3.0	TO-3PF	6.0
2SK2082-01	900	9	36	1.4	150	±30	3.0	TO-3P	5.5
2SK2771-01R	900	9	36	1.4	125	±30	3.0	TO-3PF	6.0
2SK1986-01	1000	4	16	3.6	80	±30	3.0	TO-220AB	2.0
2SK2258-01	1000	4	16	3.6	100	±30	3.0	TO-3P	5.5
2SK2004-01L, S	1000	4	16	3.6	80	±30	3.0	T-pack	1.6

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

FAP-IIS series

Repetitive avalanche rated

Device type	V _{DS}	I _D	I _D (pulse)	R _{DS} (on) Max. ^{*1}	P _D ^{*2}	V _{GS}	V _{GS} (th) Typ. Volts	Package	Net mass Grams
	Volts	Amps.	Amps.	Ohms	Watts	Volts	Volts		
2SK3340-01	400	23	92	0.2	295	±30	3.0	TO-247	5.5
2SK2870-01L, S	450	8	32	1.2	50	±35	4.0	T-pack	1.6
2SK2871-01	450	8	32	1.2	50	±35	4.0	TO-220AB	2.0
2SK2872-01MR	450	8	32	1.2	30	±35	4.0	TO-220F15	2.3
2SK2873-01	450	8	32	1.2	60	±35	4.0	TO-3P	5.5
2SK2638-01MR	450	10	40	0.65	50	±35	4.0	TO-220F15	2.3
2SK2639-01	450	10	40	0.65	100	±35	4.0	TO-3P	5.5
2SK2754-01L, S	450	10	40	0.65	80	±35	4.0	T-pack	1.6
2SK2755-01	450	18	72	0.45	125	±35	4.0	TO-3P	5.5
2SK2756-01R	450	18	72	0.45	80	±35	4.0	TO-3PF	6.0
2SK2874-01L, S	500	6	24	1.5	50	±35	4.0	T-pack	1.6
2SK2875-01	500	6	24	1.5	50	±35	4.0	TO-220AB	2.0
2SK2876-01MR	500	6	24	1.5	30	±35	4.0	TO-220F15	2.3
2SK2877-01	500	6	24	1.5	60	±35	4.0	TO-3P	5.5
2SK2640-01MR	500	10	40	0.9	50	±35	4.0	TO-220F15	2.3
2SK2641-01	500	10	40	0.9	100	±35	4.0	TO-3P	5.5
2SK2757-01	500	10	40	0.9	80	±35	4.0	TO-220AB	2.0
2SK2758-01L, S	500	10	40	0.9	80	±35	4.0	T-pack	1.6
2SK2642-01MR	500	15	60	0.55	80	±35	4.0	TO-220F15	2.3
2SK2643-01	500	15	60	0.55	125	±35	4.0	TO-3P	5.5
2SK2759-01R	500	15	60	0.55	80	±35	4.0	TO-3PF	6.0
2SK2644-01	500	18	72	0.45	125	±35	4.0	TO-3P	5.5
2SK2879-01	500	20	80	0.38	150	±30	3.0	TO-3P	5.5
2SK3338-01	500	20	80	0.27	340	±30	3.0	TO-247	5.5
2SK3339-01	500	27	108	0.2	400	±30	3.0	TO-247	5.5

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



Power MOSFETs

Power MOSFET

FAP-IIS series

Repetitive avalanche rated

Device type	V _{DSS}	I _D	I _D (pulse)	R _{DS} (on) Max. * ¹	P _D * ²	V _{GS}	V _{GS} (th) Typ. Volts	Package	Net mass Grams
	Volts	Amps.	Amps.	Ohms	Watts	Volts			
2SK2645-01MR	600	9	32	1.2	50	±35	4.0	TO-220F15	2.3
2SK2760-01R	600	9	32	1.2	60	±35	4.0	TO-3PF	6.0
2SK2827-01	600	9	32	1.2	60	±35	4.0	TO-220AB	2.0
2SK2834-01	600	9	32	1.2	80	±35	4.0	TO-3P	5.5
2SK2908-01L, S	600	9	32	1.2	60	±35	4.0	T-pack	1.6
2SK2761-01MR	600	10	36	1.0	50	±35	4.0	TO-220F15	2.3
2SK3102-01R	600	10	36	1.0	50	±35	4.0	TO-3PF	6.0
2SK2646-01	800	4	16	4.0	80	±35	4.0	TO-220AB	2.0
2SK2647-01MR	800	4	16	4.0	40	±35	4.0	TO-220F15	2.3
2SK2762-01L, S	800	4	16	4.0	80	±35	4.0	T-pack	1.6
2SK2763-01	800	4	16	4.0	100	±35	4.0	TO-3P	5.5
2SK2764-01R	800	4	16	4.0	80	±35	4.0	TO-3PF	6.0
2SK3264-01MR	800	7	28	2.0	60	±30	3.0	TO-220F15	2.3
2SK2765-01	800	7	28	2.0	125	±35	4.0	TO-3P	5.5
2SK2766-01R	800	7	28	2.0	80	±35	4.0	TO-3PF	6.0
2SK2648-01	800	9	36	1.5	150	±35	4.0	TO-3P	5.5
2SK2649-01R	800	9	36	1.5	100	±35	4.0	TO-3PF	6.0
2SK2767-01	900	3.5	14	5.5	80	±35	4.0	TO-220AB	2.0
2SK2768-01L, S	900	3.5	14	5.5	80	±35	4.0	T-pack	1.6
2SK2769-01MR	900	3.5	14	5.5	40	±35	4.0	TO-220F15	2.3
2SK2770-01	900	3.5	14	5.5	100	±35	4.0	TO-3P	5.5
2SK2651-01MR	900	6	24	2.5	50	±35	4.0	TO-220F15	2.3
2SK2652-01	900	6	24	2.5	125	±35	4.0	TO-3P	5.5
2SK2850-01	900	6	24	2.5	125	±30	3.0	TO-3P	5.5
2SK2653-01R	900	6	24	2.5	80	±35	4.0	TO-3PF	6.0
2SK2654-01	900	8	32	2.0	150	±35	4.0	TO-3P	5.5
2SK2655-01R	900	8	32	2.0	100	±35	4.0	TO-3PF	6.0
2SK3341-01	900	10	40	1.2	310	±30	3.0	TO-247	5.5
2SK3337-01	1000	7	28	2.0	255	±30	3.0	TO-247	5.5

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

F-V / FAP-V series

Include FRED / Avalanche rated

Device type	V _{DSS}	I _D	I _D (pulse)	R _{DS} (on) Max. * ¹	P _D * ²	V _{GS}	V _{GS} (th) Typ. Volts	Package	Net mass Grams
	Volts	Amps.	Amps.	Ohms	Watts	Volts			
2SK1818-MR	250	20	80	0.25	50	±20	3.0	TO-220F15	2.3
2SK1276A	250	20	80	0.25	100	±20	3.0	TO-3P	5.5
2SK1277	250	30	120	0.12	150	±20	3.0	TO-3P	5.5
2SK1819-01MR	450	5	20	1.5	35	±25	3.0	TO-220F15	2.3
2SK1278	500	10	40	1.1	100	±20	3.0	TO-3P	5.5
2SK2052-R	500	10	40	1.1	80	±20	3.0	TO-3PF	6.0
2SK1279	500	15	60	0.58	125	±20	3.0	TO-3P	5.5
2SK1280	500	18	72	0.5	150	±20	3.0	TO-3P	5.5

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