

MOSFETs



F-III Series - Logic Level Operation, Low R_{DS(ON)} 30 - 150 Volts

Device Type	Maximum Ratings			Characteristics (Max.)						Package
	V _{DSS} (V)	I _D (A)	P _D (W)	R _{DS(ON)} Ω V _{GS} =4V	R _{DS(ON)} Ω V _{GS} =10V	C _{iss} (pf)	C _{oss} (pf)	t _{on} (ns)	t _{off} (ns)	
2SK1505MR	30	35	40	0.037	0.022	2630	1200	188	720	TO-220F15
2SK2048L,S	30	35	60	0.037	0.022	2630	1200	188	720	T-PACK L,S
2SK1388	30	35	60	0.037	0.022	2630	1200	188	720	TO-220
2SK1083MR	60	8	20	0.350	0.220	450	170	55	105	TO-220F15
2SK1096MR	60	13	30	0.190	0.120	750	300	60	180	TO-220F15
2SK1086MR	60	20	35	0.110	0.070	1300	450	75	310	TO-220F15
2SK1881L,S	60	20	45	0.110	0.070	1300	450	75	310	T-PACK L,S
2SK1387MR	60	35	40	0.056	0.035	2700	930	99	760	TO-220F15
2SK1089	60	35	80	0.056	0.035	2700	930	99	760	TO-3P
2SK1508	60	35	60	0.056	0.035	2700	930	99	760	TO-220
2SK1389	60	50	125	0.040	0.025	3900	1200	230	850	TO-3P
2SK1390R	60	50	80	0.040	0.025	3900	1200	230	850	TO-3PF
2SK2049	60	50	80	0.040	0.025	3900	1200	230	850	TO-220
2SK1087MR	100	12	35	0.240	0.170	1430	300	93	320	TO-220F15
2SK1817MR	100	20	40	0.120	0.080	2780	600	83	680	TO-220F15
2SK2446 L,S	100	30	80	0.070	0.055	3700	750	240	1140	T-PACK L,S
2SK2050	100	30	80	0.070	0.055	3700	750	240	1140	TO-220
2SK1506	120	50	150	0.045	0.030	7500	1380	345	2025	TO-3P
2SK1085MR	150	3	20	1.170	0.900	530	90	50	120	TO-220F15
2SK1098MR	150	6	30	0.650	0.500	900	150	75	170	TO-220F15
2SK1088MR	150	9	35	0.400	0.300	1200	230	75	275	TO-220F15

FAP-III Series - Logic Level Operation, Low R_{DS(ON)}, High Avalanche Ruggedness 30-150 Volts

Device Type	Maximum Ratings			Characteristics (Max.)						Package
	V _{DSS} (V)	I _D (A)	P _D (W)	R _{DS(ON)} Ω V _{GS} =4V	R _{DS(ON)} Ω V _{GS} =10V	C _{iss} (pf)	C _{oss} (pf)	t _{on} (ns)	t _{off} (ns)	
2SJ472-01L,S	-30	-5	15	0.850	0.400	380	230	45	70	K-PACK L,S
2SJ314-01L,S	-60	-5	20	0.480	0.300	750	300	53	270	K-PACK L,S
2SJ473-01L,S	-60	-7	20	0.350	0.200	830	300	45	140	K-PACK L,S
2SJ474-01L,S	-60	-7	20	0.350	0.200	830	300	45	140	T-PACK L,S
2SJ476-01L,S	-60	-25	50	0.110	0.060	3000	1050	145	430	T-PACK L,S
2SJ475-01	-60	-25	50	0.110	0.060	3000	1050	145	430	TO-220
2SJ477-01MR	-60	-25	40	0.100	0.060	3000	1050	145	430	TO-220F15
2SK2249-01L,S	30	10	35	0.120	0.060	1050	750	50	180	T-PACK L,S
2SK2248-01L,S	30	10	60	0.037	0.060	2630	1200	188	720	K-PACK L,S
2SK2516-01L,S	30	50	80	0.022	0.013	5250	2480	125	500	T-PACK L,S
2SK2018-01L,S	60	10	20	0.160	0.100	750	300	45	225	K-PACK L,S
2SK1946-01MR	60	45	50	0.035	0.022	3150	1290	345	1350	TO-220F15
2SK2517-01L,S	60	50	80	0.034	0.020	4650	1380	90	420	T-PACK L,S
2SK2098-01MR	150	20	50	0.100	0.080	3450	500	55	850	TO-220F15
2SK2226-01L,S	150	20	80	0.100	0.080	3450	500	40	1150	T-PACK L,S

FAP-IIIA Series - Logic Level Operation, Low R_{DS(ON)}, High Avalanche Ruggedness, Integrated G-S Surge Protection, 20 - 60 Volts

Device Type	Maximum Ratings			Characteristics (Max.)						Package
	V _{DSS} (V)	I _D (A)	P _D (W)	R _{DS(ON)} Ω V _{GS} =4V	R _{DS(ON)} Ω V _{GS} =10V	C _{iss} (pf)	C _{oss} (pf)	t _{on} (ns)	t _{off} (ns)	
F8006N (Dual)	20	5 X 2	1.7 *	0.048	---	1100	860	45	440	SOP-8
F7007N (Single)	30	7	2	0.035	0.025	1570	830	45	890	SOP-8
2SK1822-01MR	60	20	35	0.110	0.070	900	390	56	260	TO-220F15
2SK2165-01	60	40	100	0.050	0.030	2400	870	163	740	TO-3P
2SK2166-01R	60	40	80	0.050	0.030	2400	870	163	740	TO-3PF
2SK2259-01MR	60	40	40	0.050	0.030	2400	870	163	740	TO-220F15
2SK1823-01R	60	50	80	0.027	0.017	3900	1500	350	1410	TO-3PF
2SK1969-01	60	50	125	0.027	0.017	3900	1500	350	1410	TO-3P