



## FAP-II Series VGS ± 30V, High Avalanche Ruggedness, Reduced Turn-Off Time 250 - 900 Volts

Device Type	Maximum Ratings			Characteristics (Max.)					Package
	V <sub>DSS</sub> (V)	I <sub>D</sub> (A)	P <sub>D</sub> (W)	R <sub>DS(ON)</sub> Ω	C <sub>iss</sub> (pf)	C <sub>oss</sub> (pf)	t <sub>on</sub> (ns)	t <sub>off</sub> (ns)	
2SK1006-01M	450	5	40	1.60	750	100	95	200	TO220F15
2SK1007-01	450	5	60	1.60	750	100	95	200	TO220
2SK1009-01	450	7	80	1.30	1000	150	110	200	TO220
2SK1386-01	450	7	100	1.30	1000	150	110	200	TO3P
2SK1011-01	450	10	100	0.65	1800	240	165	360	TO3P
2SK1101-01M	450	10	50	0.65	1800	240	165	360	TO220F15
2SK1013-01	450	13	125	0.60	2100	270	215	370	TO3P
2SK1015-01	450	18	125	0.45	2700	410	260	500	TO3P
2SK1916-01	450	18	80	0.45	2700	410	260	500	TO3PF
2SK1017-01	450	20	150	0.35	3300	480	375	740	TO3P
2SK1008-01	500	4.5	60	2.20	750	100	95	200	TO220
2SK1010-01	500	6	80	1.60	1000	150	110	200	TO220
2SK1820-01	500	6	80	1.60	1000	150	110	200	T-PACK L,S
2SK1012-01	500	10	100	0.90	1800	240	165	360	TO3P
2SK1503-01	500	10	80	0.90	1800	240	165	360	TO220F15
2SK1504-01	500	10	80	0.90	1800	240	165	360	T-PACK L,S
2SK1102-01M	500	10	50	0.90	1800	240	165	360	TO220F15
2SK1014-01	500	12	125	0.74	2100	270	215	370	TO3P
FAP450	500	14	180	0.40	2700	300	105	285	TO3P
2SK1016-01	500	15	125	0.55	2700	410	260	500	TO3P
2SK2080-01	500	15	80	0.55	2700	410	260	500	TO220F15
2SK1507-01M	600	9	50	1.00	1800	230	165	360	TO220F15
2SK1023-01	800	4	60	4.50	1200	120	145	255	TO220
2SK1552-01	800	4	60	4.50	1200	120	145	255	T-PACK L,S
2SK1547-01M	800	4	40	4.50	1200	120	145	255	TO220F15
2SK2072-01	800	6	80	2.10	1800	180	80	200	T-PACK L,S
2SK1081-01	800	7	125	2.20	1800	210	225	380	TO3P
2SK956-01	800	9	150	1.50	2100	300	425	690	TO3P
2SK1385-01	800	9	100	1.50	2100	300	425	690	TO3PF
2SK1548-01M	900	3.5	40	5.50	1200	120	145	255	TO220F15
2SK1024-01	900	3.5	60	5.50	1200	120	145	255	TO220
2SK1510-01	900	3.5	60	5.50	1200	120	145	255	T-PACK L,S
2SK1082-01	900	6	125	2.80	1800	210	225	380	TO3P
2SK2147-01	900	6	80	2.80	1800	210	225	380	TO220F15
2SK962-01	900	8	150	2.00	2100	300	425	690	TO3P
2SK1217-01	900	8	100	2.00	2100	300	425	690	TO3PF

## FAP-III Series Logic Level Operation, Low R<sub>DS(ON)</sub>, High Avalanche Ruggedness 60 - 150 Volts

Device Type	Maximum Ratings			Characteristics (Max.)					Package	
	V <sub>DSS</sub> (V)	I <sub>D</sub> (A)	P <sub>D</sub> (W)	R <sub>DS(ON)</sub> Ω VGS=4V	R <sub>DS(ON)</sub> Ω VGS=10V	C <sub>iss</sub> (pf)	C <sub>oss</sub> (pf)	t <sub>on</sub> (ns)		t <sub>off</sub> (ns)
2SK2249-01	30	10	35	0.120	0.060	1050	750	50	180	T-PACK L,S
2SK2248-01	30	35	60	0.037	0.022	2630	1200	188	720	K-PACK L,S
2SK2018-01	60	10	20	0.160	0.100	750	300	45	225	K-PACK L,S
2SJ314-01	-60	-5	20	0.480	0.300	750	300	53	270	K-PACK L,S
2SK1946-01M	60	45	50	0.035	0.022	3150	1290	345	1350	TO220F15
2SK2098-01M	150	20	50	0.100	0.080	3450	500	55	850	TO220F15
2SK2226-01	150	20	80	0.100	0.080	3450	500	40	1150	T-PACK L,S