

# MOSFETs



## FAP-II Series VGS ± 30V, High Avalanche Ruggedness, Reduced Turn-Off Time 500-1000 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)		
2SK1221-01	250	10	80	0.40	860	210	90	225	TO220	
2SK1917-01M	250	10	50	0.40	860	210	90	225	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	
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	
2SK1222-01	450	15	125	0.55	2100	270	215	370	TO3P	
2SK1015-01	450	18	125	0.45	2700	410	260	500	TO3P	
2SK1916-01	450	18	180	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	TO220	
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	
2SK1016-01	500	15	125	0.55	2700	410	260	500	TO3P	
2SK1018-01	500	18	125	0.45	2700	410	260	500	TO3P	
2SK1507-01M	600	9	50	1.00	1800	230	165	360	TO220F15	
2SK952	800	2.5	45	7.00	500	90	90	170	TO220	
2SK953-01	800	2.5	80	7.00	500	90	90	170	TO3P	
2SK1211-01	800	2.5	40	7.00	500	90	90	170	TO3PF	
2SK1021-01	800	3	60	6.00	600	90	128	240	TO220	
2SK1545-01	800	3	40	6.00	600	90	128	240	TO220F	
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	
2SK1171-01	800	4	80	4.50	1200	120	145	255	TO3P	
2SK1547-01M	800	4	40	4.50	*	*	145	255	TO220F15	
2SK1224-01	800	4	50	4.50	1200	120	145	165	TO3PF	
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	
2SK957-01M	900	2	40	8.50	500	90	90	170	TO220F15	
2SK958-01	900	2	45	8.50	500	90	90	170	TO220	
2SK959-01	900	2	80	8.50	500	90	90	170	TO3P	
2SK1022-01	900	2.5	60	7.30	600	90	128	240	TO220	
2SK1546-01	900	2.5	40	7.30	600	90	128	240	TO220F	
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	
2SK1172-01	900	3.5	80	5.50	1200	120	145	255	TO3P	
2SK1510-01	900	3.5	60	5.50	1200	120	145	255	T-PACK L,S	
2SK1945-01	900	5	80	2.8	1800	180	80	200	T-PACK L,S	
2SK1082-01	900	6	125	2.80	1800	210	225	380	TO3P	
2SK962-01	900	8	150	2.00	2100	300	425	690	TO3P	

## FAP-IIIA Series Logic Level Operation, Low R<sub>DS(ON)</sub>, High Avalanche Ruggedness 60 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)	
2SK2018-01	60	10	20	0.16	0.10	750	300	45	225	K-PACK L,S
2SJ314-01	-60	-5	20	0.48	0.30	750	300	53	270	K-PACK L,S