

# MOSFETs



## F-I Series - Low $R_{DS(ON)}$ 50 - 800 Volts

Device Type	Maximum Ratings			Characteristics (Max.)					Package
	$V_{DSS}$ (V)	$I_D$ (A)	$P_D$ (W)	$R_{DS(ON)}$ $\Omega$	$C_{iss}$ (pf)	$C_{oss}$ (pf)	$t_{on}$ (ns)	$t_{off}$ (ns)	
2SK905	50	45	125	0.03	3000	1500	240	800	TO-3P
2SK906	100	32	125	0.06	3000	800	180	680	TO-3P
2SK900	250	12	80	0.30	1800	300	120	390	TO-220
2SK947MR	250	12	40	0.30	1800	300	120	390	TO-220F15
2SK901	250	20	125	0.15	3000	500	160	780	TO-3P
2SK1549R	250	20	80	0.15	3000	500	160	780	TO-3PF
2SK902	250	30	150	0.10	3900	900	310	1550	TO-3P
2SK949MR	500	6	40	1.20	1800	180	110	400	TO-220F15
2SK950	500	6	80	1.20	1800	180	110	400	TO-220
2SK724	500	10	100	0.67	2400	300	195	570	TO-3P
2SK725	500	15	125	0.38	4000	500	195	570	TO-3P
2SK899	500	18	125	0.33	4000	500	195	570	TO-3P
2SK897MR	550	4	40	1.50	1800	180	100	270	TO-220F15
2SK903MR	800	3	40	4.00	1400	140	90	340	TO-220F15
2SK904	800	3	80	4.00	1400	140	90	340	TO-220
2SK1105R	800	3	80	4.00	1400	140	90	340	TO-3PF
2SK1663L,S	800	3	80	4.00	1400	140	90	340	T-PACK L,S
2SK1384R	800	5	80	2.00	2400	240	50	630	TO-3PF
2SK955	800	5	125	2.00	2400	240	170	630	TO-3P
2SK960MR	900	3	40	5.00	1400	130	90	340	TO-220F15
2SK961	900	3	80	5.00	1400	130	90	340	TO-220

## FAP-I Series - Low $R_{DS(ON)}$ , High Avalanche Ruggedness 60 - 900 Volts

Device Type	Maximum Ratings			Characteristics (Max.)					Package
	$V_{DSS}$ (V)	$I_D$ (A)	$P_D$ (W)	$R_{DS(ON)}$ $\Omega$	$C_{iss}$ (pf)	$C_{oss}$ (pf)	$t_{on}$ (ns)	$t_{off}$ (ns)	
2SK2494-01	60	45	80	0.025	3000	1200	270	400	TO-220
2SK2753-01	120	50	150	0.032	6400	1200	275	450	TO-3P
2SK1553-01MR	650	5	40	2.50	1300	135	85	280	TO-220F15
2SK727-01	900	5	125	2.50	2400	240	170	630	TO-3P
2SK1212-01R	900	5	80	2.50	2400	240	170	630	TO-3PF

## F-II Series - $V_{GS} \pm 30V$ , Reduced Turn-off Time 250 - 900 Volts

Device Type	Maximum Ratings			Characteristics (Max.)					Package
	$V_{DSS}$ (V)	$I_D$ (A)	$P_D$ (W)	$R_{DS(ON)}$ $\Omega$	$C_{iss}$ (pf)	$C_{oss}$ (pf)	$t_{on}$ (ns)	$t_{off}$ (ns)	
2SK1917MR	250	10	50	0.40	860	210	90	225	TO-220F15
2SK1221	250	10	80	0.40	860	210	90	225	TO-220
2SK2051L,S	250	10	80	0.40	860	120	90	225	T-PACK L,S
2SK1019	450	35	300	0.20	6300	900	540	1350	TO-3PL
2SK1020	500	30	300	0.25	6300	900	540	1350	TO-3PL
2SK951MR	800	2.5	40	7.00	500	90	120	280	TO-220F15
2SK952	800	2.5	45	7.00	500	90	90	170	TO-220
2SK957MR	900	2	40	8.50	500	90	90	170	TO-220F15

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