



MOSFETs

FAP-IIIB Series - Logic Level Operation, Ultra Low $R_{DS(ON)}$, High Avalanche Ruggedness 30 - 60 Volts

Device Type	Maximum Ratings			Characteristics (Max.)						Package
	V_{OSS} (V)	I_D (A)	P_D (W)	$R_{DS(ON)} \Omega$ VGS=4V	$R_{DS(ON)} \Omega$ VGS=10V	C_{iss} (pf)	C_{oss} (pf)	t_{on} (ns)	t_{off} (ns)	
2SK2806-01	30	35	30	0.030	0.020	1650	830	38	190	TO-220
2SK2807-01L,S	30	35	30	0.030	0.020	1650	830	38	190	T-PACK L,S
2SK2808-01MR	30	35	30	0.030	0.020	1650	830	38	190	TO-220F15
2SK2890-01MR	30	50	50	0.0105	0.0068	5850	3000	140	650	TO-220F15
2SK2687-01	30	50	60	0.017	0.010	4130	1950	103	520	TO-220
2SK2688-01L,S	30	50	60	0.017	0.010	4130	1950	103	520	T-PACK L,S
2SK2689-01MR	30	50	40	0.017	0.010	4130	1950	103	520	TO-220F15
2SK2892-01R	30	90	100	0.0095	0.0055	5850	3000	140	650	TO-3PF
2SK2891-01	30	100	125	0.0095	0.0055	5850	3000	140	650	TO-3P
2SK2893-01	30	100	150	0.007	0.004	9900	4950	260	1270	TO-3P
2SK2894-01R	30	100	150	0.007	0.004	9900	4950	260	1270	TO-3PF
2SK2896-01L,S	60	45	60	0.020	0.012	4350	1400	80	430	T-PACK L,S
2SK2897-01MR	60	45	40	0.020	0.012	4350	1400	80	430	TO-220F15
2SK2895-01	60	45	60	0.020	0.012	4350	1400	80	430	TO-220
2SK2809-01MR	60	50	50	0.017	0.010	5250	1870	143	450	TO-220F15
2SK2691-01R	60	70	100	0.017	0.010	5250	1870	143	450	TO-3PF
2SK2690-01	60	80	125	0.017	0.010	5250	1870	143	450	TO-3P
2SK2898-01	60	100	150	0.011	0.0065	10050	3150	330	1120	TO-3P
2SK2899-01R	60	100	125	0.011	0.0065	10050	3150	330	1120	TO-3PF

FAP-IIIBH Series - Non-Logic Level Operation, Ultra Low $R_{DS(ON)}$, High Avalanche Ruggedness, 60 - 150 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)	
2SK2900-01	60	45	60	0.0145	3450	1370	110	200	TO-220
2SK2902-01MR	60	45	40	0.0145	3450	1370	110	200	TO-220F15
2SK2901-01L,S	60	45	60	0.0145	3450	1370	110	200	T-PACK L,S
2SK2903-01MR	60	50	50	0.0120	4650	1950	150	250	TO-220F15
2SK2904-01	60	80	125	0.0120	4650	1950	150	250	TO-3P
2SK2906-01	60	100	150	0.0078	8100	3150	400	470	TO-3P
2SK2907-01R	60	100	125	0.0078	8100	3150	400	470	TO-3PF
2SK2905-01R	60	70	100	0.0120	4650	1950	150	250	TO-3PF
2SK3216-01	100	50	135	0.0025	4800	1140	230	265	TO-220
2SK3217-01MR	120	45	70	0.0025	4800	1140	230	265	TO-220F15
2SK3218-01	150	35	135	0.0043	3980	830	174	263	TO-220
2SK3219-01MR	150	35	70	0.0043	3980	830	174	263	TO-220F15

F-V Series - FREDFET, Diode Recovery Time (150-200 nsec), Improved Turn-On Time 250 - 500 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)	t_{rr} (nS)	
2SK1818MR	250	20	50	0.25	1600	360	125	450	150	TO-220F15
2SK1276A	250	20	100	0.25	1600	360	125	450	150	TO-3P
2SK1277	250	30	150	0.12	3600	750	260	900	150	TO-3P
2SK1819-01MR	450	5	35	1.50	750	120	85	245	200	TO-220F15
2SK2052R	500	10	80	1.10	1600	210	130	440	200	TO-3PF
2SK1278	500	10	100	1.10	1600	210	130	440	200	TO-3P
2SK1279	500	15	125	0.58	3000	400	195	840	200	TO-3P
2SK1280	500	18	150	0.50	3600	450	270	920	200	TO-3P