

MOSFET QUICK REFERENCE GUIDE

-30V to 450V BY PACKAGE TYPE

F-I: PAGE 11
 FAP-I: PAGE 11
 F-II: PAGE 11
 FAP-II: PAGE 12

FAP-IIA: PAGE 13
 FAP-IIS: PAGE 14
 F-III: PAGE 15

FAP-III: PAGE 15
 FAP-IIIA (AUTO): PAGE 16
 FAP-IIIB: PAGE 16
 F-V: PAGE 16

VDS VOLTS	SURFACE MOUNT K-PACK (D)				SURFACE MOUNT T-PACK (D ²)				TO-220				TO-220F15 (FULL MOLDED)			
	SERIES	PART NO.	ID (A)	RDS (ON) Ω	SERIES	PART NO.	ID (A)	RDS (ON) Ω	SERIES	PART NO.	ID (A)	RDS (ON) Ω	SERIES	PART NO.	ID (A)	RDS (ON) Ω
-30 P Channel	FAPIII	2SJ472-01L,S	-5	0.40												
-60 P Channel	FAPIII	2SJ314-01L,S	-5	0.30	FAPIII	2SJ474-01L,S	-7	0.20	FAPIII	2SJ475-01	-25	0.06	FAPIII	2SJ477-01MR	-25	-0.06
	FAPIII	2SJ473-01L,S	-7	0.20	FAPIII	2SJ476-01L,S	-25	0.06								
30	FAPIII	2SK2248-01L,S	10	0.06	FAPIII	2SK2249-01L,S	10	0.06	FIII	2SK1388	35	0.022	FIII	2SK1505MR	35	0.022
					FIII	2SK2048L,S	35	0.022	FAPIIIB	2SK2806-01	35	0.020	FAPIIIB	2SK2808-01MR	35	0.020
					FAPIIIB	2SK2807-01L,S	35	0.020	FAPIIIB	2SK2687-01	50	0.010	FAPIIIB	2SK2689-01MR	50	0.010
					FAPIIIB	2SK2688-01L,S	50	0.010								
					FAPIII	2SK2516-01L,S	50	0.013								
50																
60	FAPIII	2SK2018-01L,S	10	0.10	FIII	2SK1881L,S	20	0.07	FIII	2SK1508	35	0.035	FIII	2SK1083MR	8	0.22
					FAPIII	2SK2517-01L,S	50	0.02	FAP I	2SK2494-01	45	0.025	FIII	2SK1096MR	13	0.12
									FIII	2SK2049	50	0.025	FIII	2SK1086MR	20	0.07
													FAPIIIA	2SK1822-01MR	20	0.07
													FIII	2SK1387MR	35	0.035
													FAPIIIA	2SK2259-01MR	40	0.03
													FAPIII	2SK1946-01MR	45	0.022
													FAPIIIB	2SK2809-01MR	50	0.010
100					FIII	2SK2446-01L,S	30	0.055	FIII	2SK2050	30	0.055	FIII	2SK1087MR	12	0.17
													FIII	2SK1817MR	20	0.0
120																
150					FAPIII	2SK2226-01L,S	20	0.08					FIII	2SK1085MR	3	0.90
													FIII	2SK1098MR	6	0.50
													FIII	2SK1088MR	9	0.30
													FAPIII	2SK2098-01MR	20	0.08
200									FAPII	2SK2519-01	10	0.40	FAPII	2SK2520-01MR	10	0.40
									FAPII	2SK2521-01	18	0.18	FAPII	2SK2522-01MR	18	0.18
													FAPIIA	2SK2518-01MR	20	0.13
250	FAPIIA	2SK2250-01L,S	2	2.00	FAPIIA	2SK2252-01L,S	8	0.50	FAPIIA	2SK2251-01	2	2.00	FAPIIA	2SK2253-01MR	8	0.50
	FAPIIA	2SK2292-01L,S	4	1.10	FII	2SK2051L,S	10	0.40	FII	2SK1221	10	0.40	FII	2SK1917MR	10	0.40
	FAPIIA	2SK2099-01L,S	6	0.85	FAPIIA	2SK2254-01L,S	18	0.18	FI	2SK900	12	0.30	FI	2SK947MR	12	0.30
									FAPIIA	2SK2256-01	18	0.18	FAPIIA	2SK2255-01MR	18	0.18
													FV	2SK1818MR	20	0.25
300													FAPII	2SK2469-01MR	5	1.00
													FAPII	2SK2470-01MR	10	0.53
450					FAPIIIS	2SK2754-01L,S	10	0.65	FAPII	2SK1007-01	5	1.60	FAPII	2SK1006-01MR	5	1.60
									FAPII	2SK1009-01	7	1.30	FV	2SK1819-01MR	5	1.50
									FAPII	2SK2523-01	9	1.00	FAPII	2SK2524-01MR	9	1.00
													FAPII	2SK1101-01MR	10	0.65
													FAPIIIS	2SK2638-01MR	10	0.65

Part numbers in bold italic print are new products from Fuji.

MOSFET QUICK REFERENCE GUIDE

-30V to 450V BY PACKAGE TYPE

F-I: PAGE 11
 FAP-I: PAGE 11
 F-II: PAGE 11
 FAP-II: PAGE 12

FAP-IIA: PAGE 13
 FAP-IIS: PAGE 14
 F-III: PAGE 15

FAP-III: PAGE 15
 FAP-IIIA (AUTO): PAGE 16
 FAP-IIIB: PAGE 16
 F-V: PAGE 16

VDS VOLTS	TO-3P (TO-247)				TO-3PF (FULL MOLDED)				TO-3PL (TO-264)			
	SERIES	PART NO.	ID (A)	RDS (ON) Ω	SERIES	PART NO.	ID (A)	RDS (ON) Ω	SERIES	PART NO.	ID (A)	RDS (ON) Ω
-30 P Channel												
-60 P Channel												
30												
50	FI	2SK905	45	0.03								
60	FIII	2SK1089	35	0.035	FAPIIIA	2SK2166-01R	40	0.03				
	FAPIIIA	2SK2165-01	40	0.03	FIII	2SK1390R	50	0.025				
	FIII	2SK1389	50	0.025	FAPIIIA	2SK1823-01R	50	0.017				
	FAPIIIA	2SK1969-01	50	0.017	FAPIIIB	2SK2691-01R	70	0.010				
	FAPIIIB	2SK2690-01	80	0.010								
100	FI	2SK906	32	0.06								
120	FAPII	2SK2753-01	50	0.032								
	FIII	2SK1506	50	0.03								
150												
200												
250	FI	2SK901	20	0.15	FI	2SK1549R	20	0.15				
	FV	2SK1276A	20	0.25								
	FI	2SK902	30	0.10								
	FV	2SK1277	30	0.12								
300	FAPII	2SK2471-01	10	0.53								
	FAPII	2SK2473-01	20	0.20								
450	FAPII	2SK1386-01	7	1.30	FAPII	2SK1916-01R	18	0.45	FII	2SK1019	35	0.20
	FAPII	2SK2525-01	9	1.00	FAPIS	2SK2756-01R	18	0.45				
	FAPII	2SK1011-01	10	0.65								
	FAPIS	2SK2639-01	10	0.65								
	FAPII	2SK1013-01	13	0.60								
	FAPII	2SK1015-01	18	0.45								
	FAPIS	2SK2755-01	18	0.45								
	FAPII	2SK1017-01	20	0.35								

Part numbers in bold italic print are new products from Fuji.

MOSFET QUICK REFERENCE GUIDE

500V to 1000V BY PACKAGE TYPE

F-I: PAGE 11
 FAP-I: PAGE 11
 F-II: PAGE 11
 FAP-II: PAGE 12

FAP-IIA: PAGE 13
 FAP-IIS: PAGE 14
 F-III: PAGE 15

FAP-III: PAGE 15
 FAP-IIIA (AUTO): PAGE 16
 FAP-IIIB: PAGE 16
 F-V: PAGE 16

VDS VOLTS	SURFACE MOUNT K-PACK (D)				SURFACE MOUNT T-PACK (D ²)				TO-220				TO-220F15				
	SERIES	PART NO.	ID (A)	RDS (ON) Ω	SERIES	PART NO.	ID (A)	RDS (ON) Ω	SERIES	PART NO.	ID (A)	RDS (ON) Ω	SERIES	PART NO.	ID (A)	RDS (ON) Ω	
500					FAPII	2SK1820-01L,S	6	1.60	FAPIIA	2SK2019-01	3.5	3.00	FAPIIA	2SK2020-01MR	3.5	3.00	
					FAPII	2SK1504-01L,S	10	0.90	FAPII	2SK1008-01	4.5	2.20	FAPIIA	2SK2022-01MR	6	1.60	
					FAPIS	2SK2758-01L,S	10	0.90	FAPIIA	2SK2021-01	5	1.60	FI	2SK949MR	8	1.20	
					FAPIIA	2SK2213-01L,S	10	0.76	FI	2SK950	6	1.20	FAPII	2SK1102-01MR	10	0.90	
									FAPII	2SK1010-01	6	1.60	FAPIS	2SK2640-01MR	10	0.90	
									FAPII	2SK1503-01	10	0.90	FAPIIA	2SK1982-01MR	10	0.76	
									FAPIS	2SK2757-01	10	0.90					
									FAPIIA	2SK1981-01	10	0.76					
550													FI	2SK897MR	4	1.5	
600	FAPIIA	2SK2071-01L,S	2	6.50	FAPIIA	2SK2215-01L,S	8	1.20	FAPIIA	2SK2023-01	3	4.50	FAPIIA	2SK1821-01M	2	6.50	
									FAPIIA	2SK2025-01	4	2.40	FAPIIA	2SK2002-01MR	3	4.50	
									FAPIIA	2SK2027-01	8	1.20	FAPIIA	2SK2003-01MR	4	2.40	
													FAPIIA	2SK2028-01MR	8	1.20	
													FAPIS	2SK2645-01MR	8	1.20	
												FAPII	2SK1507-01MR	9	1.00		
												FAPIS	2SK2761-01MR	9	1.00		
650													FAPII	2SK1553-01MR	5	2.50	
800					FI	2SK1663L,S	3	4.00	FII	2SK952	2.5	7.00	FII	2SK951MR	2.5	7.00	
					FAPII	2SK1552-01L,S	4	4.50	FI	2SK904	3	4.00	FI	2SK903MR	3	4.00	
					FAPIS	2SK2762-01L,S	4	4.00	FAPII	2SK1023-01	4	4.50	FAPII	2SK1547-01MR	4	4.50	
					FAPIIA	2SK2072-01L,S	6	2.10	FAPIS	2SK2646-01	4	4.00	FAPIS	2SK2647-01MR	4	4.00	
													FAPIIA	2SK2100-01MR	4	3.30	
												FAPII	2SK2397-01MR	5	2.30		
												FAPIIA	2SK2101-01MR	6	2.10		
900					FAPIIA	2SK2029-01L,S	3	4.00	FI	2SK961	3	5.00	FII	2SK957MR	2	8.50	
					FAPII	2SK1510-01L,S	3.5	5.50	FAPIIA	2SK1983-01	3	4.00	FI	2SK960MR	3	5.00	
					FAPIS	2SK2768-01L,S	3.5	5.50	FAPII	2SK1024-01	3.5	5.50	FAPIIA	2SK1984-01MR	3	4.00	
					FAPIIA	2SK1945-01L,S	5	2.80	FAPIS	2SK2767-01	3.5	5.50	FAPII	2SK1548-01MR	3.5	5.50	
									FAPII	2SK2526-01	5	3.60	FAPIS	2SK2769-01MR	3.5	5.50	
									FAPIIA	2SK1943-01	5	2.80	FAPII	2SK2527-01MR	5	3.60	
												FAPIIA	2SK1985-01MR	5	2.80		
												FAPIS	2SK2651-01MR	6	2.50		
1000					FAPIIA	2SK2004-01L,S	4	3.60	FAPIIA	2SK1986-01	4	3.60					

Part numbers in bold italic print are new products from Fuji.

Collmer Semiconductor, Inc. • Phone: (972) 233-1589 • FAX: (972) 233-0481

MOSFET QUICK REFERENCE GUIDE

500V to 1000V BY PACKAGE TYPE

F-I: PAGE 11
 FAP-I: PAGE 11
 F-II: PAGE 11
 FAP-II: PAGE 12

FAP-IIA: PAGE 13
 FAP-IIS: PAGE 14
 F-III: PAGE 15

FAP-III: PAGE 15
 FAP-III(A) (AUTO): PAGE 16
 FAP-III(B): PAGE 16
 F-V: PAGE 16

VDS VOLTS	TO-3P (TO-247)				TO-3PF (FULL MOLDED)				TO-3PL (TO-264)			
	SERIES	PART NO.	ID (A)	RDS (ON) Ω	SERIES	PART NO.	ID (A)	RDS (ON) Ω	SERIES	PART NO.	ID (A)	RDS (ON) Ω
500	FV	2SK1278	10	1.10	FV	2SK2052R	10	1.10	FII	2SK1020	30	0.25
	FAPII	2SK1012-01	10	0.90	FAPIIA	<i>2SK2223-01R</i>	10	0.76				
	FAPIIS	<i>2SK2641-01</i>	10	0.90	FAPII	<i>2SK2080-01R</i>	15	0.55				
	FAPIIA	<i>2SK1936-01</i>	10	0.76	FAPIIS	<i>2SK2759-01R</i>	15	0.55				
	FI	2SK724	10	0.67	FAPIIA	<i>2SK2209-01R</i>	15	0.48				
	FAPII	2SK1014-01	12	0.74	FAPIIA	<i>2SK1938-01R</i>	18	0.35				
	FAPIIA	<i>2SK2081-01</i>	12	0.60								
	FAPIIS	<i>FAP450</i>	14	0.40								
	FV	2SK1279	15	0.58								
	FAPII	2SK1016-01	15	0.55								
	FAPIIS	<i>2SK2643-01</i>	15	0.55								
	FAPIIA	<i>2SK1937-01</i>	15	0.48								
	FI	2SK725	15	0.38								
	FAPIIA	<i>2SK2257-01</i>	17	0.40								
	FI	2SK899	18	0.33								
	FV	2SK1280	18	0.50								
550												
600	FAPIIA	<i>2SK1939-01</i>	8	1.20	FAPII	<i>2SK2561-01R</i>	9	1.20				
	FAPIIA	<i>2SK1940-01</i>	12	0.75	FAPIIS	<i>2SK2760-01R</i>	8	1.20				
					FAPIIA	<i>2SK2148-01R</i>	12	0.75				
					FAPIIA	<i>2SK1941-01R</i>	16	0.55				
650												
800	FI	2SK955	5	2.00	FI	2SK1105R	3	4.00				
	FAPII	2SK1081-01	7	2.20	FAPIIS	<i>2SK2764-01R</i>	4	4.00				
	FAPIIS	<i>2SK2765-01</i>	7	2.00	FI	2SK1384R	5	2.00				
	FAPII	2SK956-01	9	1.50	FAPIIS	<i>2SK2766-01R</i>	7	2.00				
	FAPIIS	<i>2SK2648-01</i>	9	1.50	FAPIIS	<i>2SK2562-01R</i>	7	2.20				
					FAPII	2SK1385-01R	9	1.50				
900	FAPIIA	<i>2SK1942-01</i>	3	4.00	FAPIIA	<i>2SK2224-01R</i>	3	4.00				
	FAPIIS	<i>2SK2770-01</i>	3.5	5.50	FAPIIA	<i>2SK2272-01R</i>	5	2.80				
	FAPII	<i>2SK2528-01</i>	4	3.60	FAPI	2SK1212-01R	5	2.50				
	FAPIIA	<i>2SK1944-01</i>	5	2.80	FAPIIS	<i>2SK2653-01R</i>	6	2.50				
	FAPI	2SK727-01	5	2.50	FAPII	2SK1217-01R	8	2.00				
	FAPII	2SK1082-01	6	2.80	FAPIIS	<i>2SK2655-01R</i>	8	2.00				
	FAPIIS	<i>2SK2652-01</i>	6	2.50	FAPIIA	<i>2SK2771-01R</i>	9	1.40				
	FAPII	2SK962-01	8	2.00								
	FAPIIS	<i>2SK2654-01</i>	8	2.00								
	FAPIIA	<i>2SK2082-01</i>	9	1.40								
1000	FAPIIA	<i>2SK2258-01</i>	4	3.60								

Part numbers in italic print are new products from Fuji.