

# MOSFET QUICK REFERENCE GUIDE

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VDS VOLTS	SURFACE MOUNT SOP-8				SURFACE MOUNT K-PACK (D)				SURFACE MOUNT T-PACK (D <sup>2</sup> )				TO-220			
	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	2SJ473-01L,S	-7	0.20	FAPIII	2SJ476-01L,S	-25	0.06				
20	FAPIIIA	<b>F8006N (Dual)</b>	5X2	0.048												
30	FAPIIIA	<b>F7007N (Single)</b>	7	0.025	FAPIII	2SK2248-01L,S	10	0.06	FAPIII	2SK2249-01L,S	10	0.06	FIII	2SK1388	35	0.022
									FIII	2SK2048L,S	35	0.022	FAPIIIB	<b>2SK2806-01</b>	35	0.020
									FAPIIIB	<b>2SK2807-01L,S</b>	35	0.020	FAPIIIB	<b>2SK2687-01</b>	50	0.010
									FAPIIIB	<b>2SK2688-01L,S</b>	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
									FAPIIIBH	<b>2SK2901-01L,S</b>	45	0.0145	FAP I	2SK2494-01	45	0.025
									FAPIIIB	<b>2SK2896-01L,S</b>	45	0.012	FAPIIIB	<b>2SK2895-01</b>	45	0.012
									FAPIII	2SK2517-01L,S	50	0.02	FAPIIIBH	<b>2SK2900-01</b>	45	0.0145
													FIII	2SK2049	50	0.025
100									FIII	2SK2446L,S	30	0.055	FIII	2SK2050	30	0.055
													FAPIIIBH	<b>2SK3216-01</b>	45	0.026
120																
150									FAPIII	2SK2226-01L,S	20	0.08	FAPIIIBH	<b>2SK3218-01</b>	35	0.048
200													FAP II	2SK2519-01	10	0.40
													FAP II	2SK2521-01	18	0.18
250					FAP IIA	2SK2250-01L,S	2	2.00	FAP IIA	2SK2252-01L,S	8	0.50	FAP IIA	2SK2251-01	2	2.00
					FAP IIA	2SK2292-01L,S	4	1.10	FII	2SK2051L,S	10	0.40	FII	2SK1221	10	0.40
					FAP IIA	2SK2099-01L,S	6	0.85	FAP IIA	2SK2254-01L,S	18	0.18	FI	2SK900	12	0.30
													FAP IIA	2SK2256-01	18	0.18
300																

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VDS VOLTS	TO-220F15 (FULL MOLDED)				TO-3P (TO-247)				TO-3PF (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
-30 P Channel												
-60 P Channel	FAPIII	2SJ477-01MR	-25	0.06								
20												
30	FIII	2SK1505MR	35	0.022	FAPIIIB	<b>2SK2891-01</b>	100	0.0055	FAPIIIB	<b>2SK2892-01R</b>	90	0.0055
	FAPIIIB	<b>2SK2808-01MR</b>	35	0.020	FAPIIIB	<b>2SK2893-01</b>	100	0.004	FAPIIIB	<b>2SK2894-01R</b>	100	0.004
	FAPIIIB	<b>2SK2689-01MR</b>	50	0.010								
	FAPIIIB	<b>2SK2890-01MR</b>	50	0.0068								
50					FI	2SK905	45	0.03				
60	FIII	2SK1083MR	8	0.22	FIII	2SK1089	35	0.035	FAPIIIA	2SK2166-01R	40	0.03
	FIII	2SK1096MR	13	0.12	FAPIIIA	2SK2165-01	40	0.03	FIII	2SK1390R	50	0.025
	FIII	2SK1086MR	20	0.07	FIII	2SK1389	50	0.025	FAPIIIA	2SK1823-01R	50	0.017
	FAPIIIA	2SK1822-01MR	20	0.07	FAPIIIA	2SK1969-01	50	0.017	FAPIIIB	<b>2SK2691-01R</b>	70	0.010
	FIII	2SK1387MR	35	0.035	FAPIIIB	<b>2SK2690-01</b>	80	0.010	FAPIIIB	<b>2SK2899-01R</b>	100	0.0065
	FAPIIIA	2SK2259-01MR	40	0.03	FAPIIIB	<b>2SK2898-01</b>	100	0.0065	FAPIIIBH	<b>2SK2907-01R</b>	100	0.0078
	FAPIII	2SK1946-01MR	45	0.022	FAPIIIBH	<b>2SK2906-01</b>	100	0.0078	FAPIIIBH	<b>2SK2905-01R</b>	70	0.012
	FAPIIIBH	<b>2SK2902-01MR</b>	45	0.0145	FAPIIIBH	<b>2SK2904-01</b>	80	0.012				
	FAPIIIB	<b>2SK2897-01MR</b>	45	0.012								
	FAPIIIBH	<b>2SK2903-01MR</b>	50	0.012								
	FAPIIIB	<b>2SK2809-01MR</b>	50	0.010								
100	FIII	2SK1087MR	12	0.17	FI	2SK906	32	0.06				
	FIII	2SK1817MR	20	0.08								
120	FAPIIIBH	<b>2SK3217-01MR</b>	45	0.026	FAPII	2SK2753-01	50	0.032				
					FIII	2SK1506	50	0.03				
150	FIII	2SK1085MR	3	0.90								
	FIII	2SK1098MR	6	0.50								
	FIII	2SK1088MR	9	0.30								
	FAPIII	2SK2098-01MR	20	0.08								
	FAPIIIBH	<b>2SK3219-01MR</b>	35	0.048								
200	FAPII	2SK2520-01MR	10	0.40								
	FAPII	2SK2522-01MR	18	0.18								
	FAPIIA	2SK2518-01MR	20	0.13								
250	FAPIIA	2SK2253-01MR	8	0.50	FI	2SK901	20	0.15	FI	2SK1549R	20	0.15
	FII	2SK1917MR	10	0.40	FV	2SK1276A	20	0.25				
	FI	2SK947MR	12	0.30	FI	2SK902	30	0.10				
	FAPIIA	2SK2255-01MR	18	0.18	FV	2SK1277	30	0.12				
	FV	2SK1818MR	20	0.25								
300	FAPII	2SK2469-01MR	5	1.00	FAPII	2SK2471-01	10	0.53				
	FAPII	2SK2470-01MR	10	0.53	FAPII	2SK2473-01	20	0.20				

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VDS VOLTS	SURFACE MOUNT K-PACK (D)				SURFACE MOUNT T-PACK (D <sup>2</sup> )				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
450					FAP-IIS	<b>2SK2870-01L,S</b>	8	1.20	FAP-II	2SK1007-01	5	1.60	FAP-II	2SK1006-01MR	5	1.60
					FAP-IIS	<b>2SK2754-01L,S</b>	10	0.65	FAP-IIS	<b>2SK2871-01</b>	8	1.20	FV	2SK1819-01MR	5	1.50
									FAP-II	2SK2523-01	9	.00	FAP-II	2SK2524-01MR	9	1.00
												1	FAP-IIS	<b>2SK2872-01MR</b>	8	1.20
													FAP-IIS	<b>2SK2638-01MR</b>	10	0.65
500					FAP-II	2SK1820-01L,S	6	1.60	FAP-IIA	2SK2019-01	3.5	3.00	FAP-IIA	2SK2020-01MR	3.5	3.00
					FAP-IIS	<b>2SK2874-01L,S</b>	6	1.50	FAP-II	2SK1008-01	4.5	2.20	FAP-IIA	2SK2022-01MR	5	1.60
					FAP-IIS	<b>2SK2758-01L,S</b>	10	0.90	FAP-IIA	2SK2021-01	5	1.60	FI	2SK949MR	6	1.20
					FAP-IIA	2SK2213-01L,S	10	0.76	FI	2SK950	6	1.20	FAP-IIS	<b>2SK2876-01MR</b>	6	1.50
									FAP-IIS	<b>2SK2875-01</b>	6	1.50	FAP-IIA	2SK1982-01MR	10	0.76
									FAP-II	2SK1010-01	6	1.60	FAP-IIS	<b>2SK2640-01MR</b>	10	0.90
									FAP-IIS	<b>2SK2757-01</b>	10	0.90	FAP-IIS	<b>2SK2642-01MR</b>	15	0.55
									FAP-IIA	2SK1981-01	10	0.76				
550													FI	2SK897MR	4	1.50
600	FAP-IIA	2SK2071-01L,S	2	6.50	FAP-IIA	2SK2215-01L,S	8	1.20	FAP-IIA	2SK2023-01	3	4.50	FAP-IIA	2SK1821-01M	2	6.50
					FAP-IIS	<b>2SK2908-01L,S</b>	9	1.20	FAP-IIA	2SK2025-01	4	2.40	FAP-IIA	2SK2002-01MR	3	4.50
									FAP-IIA	2SK2027-01	8	1.20	FAP-IIA	2SK2003-01MR	4	2.40
									FAP-IIS	<b>2SK2827-01</b>	9	1.20	FAP-IIA	2SK2028-01MR	8	1.20
													FAP-IIS	<b>2SK2645-01MR</b>	8	1.20
													FAP-IIS	<b>2SK2761-01MR</b>	10	1.00
650													FAP-I	2SK1553-01MR	5	2.50
800					FAP-II	2SK1552-01L,S	4	4.50	FII	2SK952	2.5	7.00	FII	2SK951MR	2.5	7.00
					FAP-IIS	<b>2SK2762-01L,S</b>	4	4.00	FAP-II	2SK1023-01	4	4.50	FAP-IIS	<b>2SK2647-01MR</b>	4	4.00
					FAP-IIA	2SK2072-01L,S	6	2.10	FAP-IIS	<b>2SK2646-01</b>	4	4.00	FAP-IIA	2SK2100-01MR	4	3.30
													FAP-II	2SK2397-01MR	5	2.30
													FAP-IIA	2SK2101-01MR	6	2.10
900					FAP-IIA	2SK2029-01L,S	3	4.00	FI	2SK961	3	5.00	FII	2SK957MR	2	8.50
					FAP-IIS	<b>2SK2768-01L,S</b>	3.5	5.50	FAP-IIA	2SK1983-01	3	4.00	FI	2SK960MR	3	5.00
					FAP-IIA	2SK1945-01L,S	5	2.80	FAP-IIS	<b>2SK2767-01</b>	3.5	5.50	FAP-IIA	2SK1984-01MR	3	4.00
									FAP-II	2SK2526-01	5	3.60	FAP-IIS	2SK2769-01MR	3.5	5.50
									FAP-IIA	2SK1943-01	5	2.80	FAP-II	2SK2527-01MR	5	3.60
													FAP-IIA	2SK1985-01MR	5	2.80
													FAP-IIS	<b>2SK2651-01MR</b>	6	2.50
1000					FAP-IIA	2SK2004-01L,S	4	3.60	FAP-IIA	2SK1986-01	4	3.60				

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VDS VOLTS	TO-3P (TO-247)				TO-3PF (FULL MOLDED)				TO-3PL (TO-264)			
	SERIES	PART NO.	ID (A)	RDS (ON) $\Omega$	SERIES	PART NO.	ID (A)	RDS (ON) $\Omega$	SERIES	PART NO.	ID (A)	RDS (ON) $\Omega$
450	FAPII	2SK1386-01	7	1.30	<b>FAP IIS</b>	2SK2756-01R	18	0.45	FII	2SK1019	35	0.20
	FAP IIS	<b>2SK2873-01</b>	8	1.20								
	FAPII	2SK2525-01	9	1.00								
	FAP IIS	<b>2SK2639-01</b>	10	0.65								
	FAPII	2SK1013-01	13	0.60								
	FAP IIS	<b>2SK2755-01</b>	18	0.45								
	FAPII	2SK1017-01	20	0.35								
500	FAP IIS	<b>2SK2877-01</b>	6	1.50	FV	2SK2052R	10	1.10	FII	2SK1020	30	0.25
	FV	2SK1278	10	1.10	FAP IIA	2SK2223-01R	10	0.76				
	FAP IIS	<b>2SK2641-01</b>	10	0.90	FAP IIS	<b>2SK2759-01R</b>	15	0.55				
	FAP IIA	2SK1936-01	10	0.76	FAP IIA	2SK2209-01R	15	0.48				
	FI	2SK724	10	0.67	FAP IIA	2SK1938-01R	18	0.35				
	FAPII	2SK1014-01	12	0.74								
	FAP IIA	2SK2081-01	12	0.60								
	FAP IIS	<b>FAP450</b>	14	0.38								
	FV	2SK1279	15	0.58								
	FAP IIS	<b>2SK2643-01</b>	15	0.55								
	FAP IIA	2SK1937-01	15	0.48								
	FAP IIA	2SK2257-01	17	0.40								
	FI	2SK899	18	0.33								
	FV	2SK1280	18	0.50								
	FAP IIS	<b>2SK2879-01</b>	20	0.38								
550												
600	FAP IIA	2SK1939-01	8	1.20	FAPII	2SK2561-01R	9	1.20				
	FAP IIA	2SK1940-01	12	0.75	FAP IIS	<b>2SK2760-01R</b>	8	1.20				
	FAP IIS	<b>2SK2834-01</b>	9	1.20	FAP IIA	2SK2148-01R	12	0.75				
					FAP IIA	2SK1941-01R	16	0.55				
650												
800	FAP IIS	<b>2SK2765-01</b>	7	2.00	FAP IIS	<b>2SK2764-01R</b>	4	4.00				
	FAP IIS	<b>2SK2648-01</b>	9	1.50	FAP IIS	<b>2SK2766-01R</b>	7	2.00				
	FAP IIS	<b>2SK2763-01</b>	4	4.00	FAP IIS	<b>2SK2562-01R</b>	7	2.20				
					FAP IIS	<b>2SK2649-01R</b>	9	1.50				
900	FAP IIA	2SK1942-01	3	4.00	FAP IIA	2SK2224-01R	3	4.00				
	FAP IIS	<b>2SK2770-01</b>	3.5	5.50	FAP IIA	2SK2272-01R	5	2.80				
	FAPII	2SK2528-01	4	3.60	FAP IIS	<b>2SK2653-01R</b>	6	2.50				
	FAP IIA	2SK1944-01	5	2.80	FAP IIS	<b>2SK2655-01R</b>	8	2.00				
	FAP IIS	<b>2SK2652-01</b>	6	2.50	FAP IIA	2SK2771-01R	9	1.40				
	FAP IIS	<b>2SK2654-01</b>	8	2.00								
	FAP IIA	2SK2082-01	9	1.40								
1000	FAP IIA	2SK2258-01	4	3.60								

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