

Cross Reference List CoolMOS						
Company	Product Name	V <sub>DS</sub> [V]	R <sub>DS(on)</sub> max @V <sub>GS</sub> =10V [mOhm]	Package	I <sub>D</sub> @25°C [A]	Closest Infineon Equivalent
IR	IRF820	500 V	3	TO-220AB	2.5	SPP02N60S5
IR	IRF820A	500 V	3	TO-220AB	2.5	SPP02N60S5
IR	IRF820AS	500 V	3	D2-PAK	2.5	SPB02N60S5
IR	IRF820S	500 V	3	D2-PAK	2.5	SPB02N60S5
IR	IRF830A	500 V	1.4	TO-220AB	5	SPP03N60S5
IR	IRF830AS	500 V	1.4	D2-PAK	5	SPB03N60S5
IR	IRF830S	500 V	1.5	D2-PAK	4.5	SPB03N60S5
IR	IRF840	500 V	0.85	TO-220AB	8	SPP07N60C2
IR	IRF840A	500 V	0.85	TO-220AB	8	SPP04N60C2
IR	IRF840AS	500 V	0.85	TO-220AB	8	SPP04N60C2
IR	IRF840LCS	500 V	0.85	D2-PAK	8	SPB04N60C2
IR	IRF840S	500 V	0.85	D2-PAK	8	SPB04N60C2
IR	IRFB11N50A	500 V	0.52	TO-220AB	11	SPP07N60C2
IR	IRFP22N50A	500 V	0.23	TO-3P	22	SPW20N60C2
IR	IRFP440	500 V	0.85	TO-3P	8.8	SPP04N60C2
IR	IRFP448	500 V	0.6	TO-3P	11	SPP07N60C2
IR	IRFP450	500 V	0.4	TO-3P	14	SPW11N60C2
IR	IRFP450A	500 V	0.4	TO-247AC	14	SPW11N60C2
IR	IRFP450LC	500 V	0.4	TO-3P	16	SPW11N60C2
IR	IRFP460	500 V	0.27	TO-3P	20	SPW20N60C2
IR	IRFP460A	500 V	0.27	TO-247AC	20	SPW20N60C2
IR	IRFP460LC	500 V	0.27	TO-3P	20	SPW20N60C2
IR	IRFR420	500 V	3	D-PAK	2.4	SPD02N60S5
IR	IRFS11N50A	500 V	0.52	D2-PAK	11	SPB07N60C2
IR	IRFU420	500 V	3	I-PAK	2.4	SPU02N60S5
IR	IRFB9N60A	600 V	0.75	TO-220AB	9.2	SPP07N60C2

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IR	IRFBC 20	600 V	4.4	TO 220	2.2	SPP02N60S5
IR	IRFBC 20 S/L	600 V	4.4	D2-PAK	2.2	SPD01N60S5
IR	IRFBC 30	600 V	2.2	TO 220	3.6	SPP02N60S5
IR	IRFBC30A	600 V	2.2	TO-220AB	3.6	SPP02N60S5
IR	IRFBC30AS	600 V	2.2	D2-PAK	3.6	SPB02N60S5
IR	IRFBC30S	600 V	2.2	D2-PAK	3.6	SPB02N60S5
IR	IRFBC40A	600 V	1.2	TO-220AB	6.1	SPP03N60S5
IR	IRFBC40AS	600 V	1.2	D2PAK	6.2	SPB03N60S5
IR	IRFBL10N60A	600 V	0.61	Super D2-PAK	11	SPB07N60C2
IR	IRFC 20	600 V	4.4	D-PAK	2	SPD01N60S5
IR	IRFPC 30	600 V	2.2	TO-247	4.3	SPP02N60S5
IR	IRFPC 40	600 V	1.2	TO-247	6.8	SPP03N60S5
IR	IRFPC 48	600 V	0.82	TO-247	8.9	SPP04N60C2
IR	IRFPC 50	600 V	0.6	TO-247	11	SPP07N60C2
IR	IRFPC 50 LC	600 V	0.6	TO-247	11	SPP07N60C2
IR	IRFPC 60	600 V	0.4	TO-247	16	SPW11N60C2
IR	IRFPC50A	600 V	0.58	TO-3P	11	SPP07N60C2
IR	IRFPS59N60C	600 V	0.045	Super 247	59	SPW47N60C2
IR	IRFR1N60A	600 V	7	D-PAK	1.4	SPD01N60S5
IR	IRFRC 20	600 V	4.4	D-PAK	2	SPD01N60S5
IR	IRFS9N60A	600 V	0.75	D2-PAK	9.2	SPB07N60C2
IR	IRFUC 20	600 V	4.4	I-PAK	2	SPU01N60S5
IR	IRFBE30	800 V	3	TO-220AB	4.1	SPP06N80C2
IR	IRFPE50	800 V	1.2	TO-3P	7.8	SPP06N80C2

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ST	STB10NB50	500 V	0.75	D2-PAK	10	SPB04N60C2
ST	STB6NB50	500 V	1.5	D2-PAK	6	SPB03N60S5
ST	STB9NB50	500 V	0.85	D2-PAK	8.6	SPB04N60C2
ST	STD1NB50-1	500 V	9	D-PAK	1.5	SPD01N60S5
ST	STD2NA50	500 V	4	D-PAK	2.2	SPD01N60S5
ST	STD3NB50	500 V	2.8	D-PAK	3	SPD02N60S5
ST	STP10NB50	500 V	0.6	TO-220	10	SPP07N60C2
ST	STP4NB50	500 V	2.8	TO-220	3.8	SPP02N60S5
ST	STP6NB50	500 V	1.5	TO-220	5.8	SPP03N60S5
ST	STP9NB50	500 V	0.85	TO-220	8.6	SPP04N60C2
ST	STU13NB50	500 V	0.45	TO 220 MAX	13	SPP11N60C2
ST	STU13NB50I	500 V	0.45	TO 220 MAX	13	SPP11N60C2
ST	STU16NB50	500 V	0.33	TO 220 MAX	15.6	SPP11N60C2
ST	STU16NB50I	500 V	0.33	TO 220 MAX	16	SPP11N60C2
ST	STW14NB50	500 V	0.45	TO-247	14	SPW11N60C2
ST	STW15NB50	500 V	0.36	TO-247	14.6	SPW11N60C2
ST	STW20NB50	500 V	0.27	TO-247	20	SPW20N60C2
ST	STY34NB50	500 V	0.13	TO 247 MAX	34	SPW20N60C2
ST	STP9NB60	600 V	0.75	TO 220	9	SPP04N60C2
ST	STB3NB60	600 V	3.6	D2-PAK	3	SPB03N60S5
ST	STB5NB60	600 V	2	D2-PAK	5	SPB03N60S5
ST	STB7NB60	600 V	1.2	D2-PAK	7.2	SPB03N60S5
ST	STB9NB60-1	600 V	0.75	D2-PAK	9	SPB04N60C2
ST	STD1NA60-1	600 V	8	D-PAK	1.6	SPD01N60S5
ST	STD2NB60	600 V	3.6	D-PAK	2	SPD02N60S5
ST	STE40NA60	600 V	0.12	ISOTOP	40	SPW20N60C2

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ST	STH13NB60FI	600 V	0.55	ISOWATT TO 218	7	SPP07N60S5
ST	STP3NB60	600 V	3.6	TO 220	3.3	SPP02N60S5
ST	STP5NB60	600 V	2	TO 220	5.3	SPP03N60S5
ST	STP7NB60	600 V	1.2	TO 220	7.2	SPP03N60S5
ST	STU11NB60	600 V	0.65	TO 220 Max	10.7	SPP07N60C2
ST	STU11NB60I	600 V	0.65	TO 220 MAX	11.5	SPP07N60C2
ST	STU13NB60	600 V	0.45	TO 220 Max	12.6	SPP11N60C2
ST	STU13NB60I	600 V	0.45	TO 220 MAX	13	SPP11N60C2
ST	STW10NB60	600 V	0.8	TO 247 Max	10	SPP04N60S5
ST	STW12NB60	600 V	0.65	TO 247 Max	12	SPP07N60S5
ST	STW13NB60	600 V	0.55	TO 247 Max	12.5	SPP07N60S5
ST	STW16NA60	600 V	0.4	TO 247 Max	16	SPW11N60C2
ST	STY25NA60	600 V	0.24	TO 247 Max	25	SPW20N60C2
ST	STP7NB80	800 V	1.6	TO-220	6.5	SPP06N80C2
ST	STU10NB80	800 V	0.8	TO MAX 220	9.7	SPP06N80C2
ST	STU10NB80I	800 V	0.8	TO MAX 220	10	SPP06N80C2
ST	STU9NB80	800 V	1.6	TO MAX 220	8.5	SPP06N80C2
ST	STW10NB80	800 V	0.8	TO-247	10	SPP06N80C2
ST	STW11NB80	800 V	0.8	TO-247	10.6	SPP06N80C2
ST	STW7NB80	800 V	1.9	TO-247	6.5	SPP06N80C2
ST	STW8NB80	800 V	1.6	TO-247	7.2	SPP06N80C2
ST	STW9NB80	800 V	1.1	TO-247	9.1	SPP06N80C2
Siemens	BUZ330	500 V	0.6	TO-218	9.5	SPP07N60C2
Siemens	BUZ331	500 V	0.8	TO-218	8	SPP04N60C2

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Siemens	BUZ338	500 V	0.4	TO-218	13.5	SPP11N60C2
Siemens	BUZ40B	500 V	0.8	TO-220	8	SPP04N60C2
Siemens	BUZ41A	500 V	1.5	TO-220	4.5	SPP03N60S5
Siemens	BUZ42	500 V	2	TO-220	4	SPP03N60S5
Siemens	BUZ74	500 V	3	TO-220	2.4	SPP02N60S5
Siemens	BUZ74A	500 V	4	TO-220	2.1	SPP02N60S5
Siemens	BUZ91A	600 V	0.9	TO 220	8	SPP04N60C2
Siemens	BUZ332A	600 V	0.9	TO 218	8	SPP04N60C2
Siemens	BUZ334	600 V	0.5	TO 218	12	SPP07N60C2
Siemens	BUZ77A	600 V	4	TO 220	2.1	SPP02N60S5
Siemens	BUZ77B	600 V	3.5	TO 220	2.9	SPP02N60S5
Siemens	BUZ90	600 V	1.6	TO 220	4.5	SPP03N60S5
Siemens	BUZ90A	600 V	2	TO 220	4	SPP03N60S5
Siemens	BUZ92	600 V	3	TO 220	3.2	SPP02N60S5
Siemens	BUZ93	600 V	2.5	TO 220	3.6	SPP02N60S5
Siemens	SPD02N60	600 V	5.5	D-PAK	2	SPD01N60S5
Siemens	SPU02N60	600 V	5.5	I-PAK	2	SPU01N60S5
Siemens	BUZ305	800 V	1	TO-218	7.5	SPP06N80C2
Siemens	BUZ307	800 V	3	TO-218	3	SPP06N80C2
Siemens	BUZ308	800 V	4	TO-218	2.6	SPP06N80C2
Siemens	BUZ355	800 V	1.5	TO-218	6	SPP06N80C2
Siemens	BUZ356	800 V	2	TO-218	5	SPP06N80C2
Toshiba	2SK2544	600 V	1.25	TO-220AB	6	SPU01N60S5
Toshiba	2SK2777	600 V	1.25	TO-220SM	6	SPD01N60S5
Toshiba	2SK2836	600 V	9	SP (SOT-223)	1	SPN04N60C2

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<b>Toshiba</b>	2SK2866	600 V	0.75	TO-220AB	10	SPU01N60S5
<b>Toshiba</b>	2SK2889	600 V	0.75	TO-220SM	10	SPD01N60S5
<b>Toshiba</b>	2SK3085	600 V	2.2	TO-220AB	3.5	SPP02N60S5
<b>Toshiba</b>	2SK2542	500 V	0.85	TO-220AB	8	SPU01N60S5
<b>Toshiba</b>	2SK2661	500 V	1.5	TO-220AB	5	SPU01N60S5
<b>Toshiba</b>	2SK2776	500 V	0.85	TO-220SM	8	SPD01N60S5
<b>Toshiba</b>	2SK2991	500 V	1.5	TO-220SM	5	SPD01N60S5
<b>Toshiba</b>	2SK3068	500 V	0.52	TO-220SM	12	SPD01N60S5
<b>Toshiba</b>	2SK2607	800 V	9	TO-3P(N)	1.2	SPP06N80C2
<b>Fuji</b>	2SK1008-01	500 V	4.5	TO-220AB	2.2	SPU01N60S5
<b>Fuji</b>	2SK1981-01	500 V	10	TO-220AB	0.76	SPU01N60S5
<b>Fuji</b>	2SK1982-01MR	500 V	10	TO-220F15	0.76	SPU01N60S5
<b>Fuji</b>	2SK2019-01	500 V	3.5	TO-220AB	3	SPP02N60S5
<b>Fuji</b>	2SK2020-01MR	500 V	3.5	TO-220F15	3	SPP02N60S5
<b>Fuji</b>	2SK2021-01	500 V	5	TO-220AB	1.6	SPU01N60S5
<b>Fuji</b>	2SK2022-01MR	500 V	5	TO-220F15	1.6	SPU01N60S5
<b>Fuji</b>	2SK2640-01MR	500 V	10	TO-220F15	0.9	SPU01N60S5
<b>Fuji</b>	2SK2757-01	500 V	10	TO-220AB	0.9	SPU01N60S5
<b>Fuji</b>	2SK2875-01	500 V	6	TO-220AB	1.5	SPU01N60S5
<b>Fuji</b>	2SK2876-01MR	500 V	6	TO-220F15	1.5	SPU01N60S5
<b>Fuji</b>	2SK949-MR	500 V	6	TO-220F15	1.2	SPU01N60S5
<b>Fuji</b>	2SK950	500 V	6	TO-220AB	1.2	SPU01N60S5
<b>Fuji</b>	2SK2023-01	600 V	3	TO-220AB	4.5	SPP02N60S5

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Fuji	2SK1821-01M	600 V	2	TO-220F15	6.5	SPP03N60S5
Fuji	2SK2002-01MR	600 V	3	TO-220F15	4.5	SPP02N60S5
Fuji	2SK2003-01MR	600 V	4	TO-220F15	2.4	SPP02N60S5
Fuji	2SK2024-01	600 V	3	TO-3P	4.5	SPP02N60S5
Fuji	2SK2025-01	600 V	4	TO-220AB	2.4	SPP02N60S5
Fuji	2SK2026-01	600 V	4	TO-3P	2.4	SPP02N60S5
Fuji	2SK2027-01	600 V	8	TO-220AB	1.2	SPU01N60S5
Fuji	2SK2028-01MR	600 V	8	TO-220F15	1.2	SPU01N60S5
Fuji	2SK2645-01MR	600 V	9	TO-220F15	1.2	SPU01N60S5
Fuji	2SK2761-01MR	600 V	10	TO-220F15	1	SPU01N60S5
Fuji	2SK2827-01	600 V	9	TO-220AB	1.2	SPU01N60S5
Fuji	2SK2397-01MR	800 V	5	TO-220F15	2.3	SPP06N80C2
Fuji	2SK2101-01MR	800 V	6	TO-220F15	2.1	SPP06N80C2
Fuji	2SK2648-01	800 V	9	TO-3P	1.5	SPP06N80C2
Fuji	2SK2649-01R	800 V	9	TO-3PF	1.5	SPP06N80C2
Fuji	2SK2765-01	800 V	7	TO-3P	2	SPP06N80C2
Fuji	2SK2766-01R	800 V	7	TO-3PF	2	SPP06N80C2
ON	MTP1N50E	500 V	5	TO-220	1	SPU01N60S5
ON	MTB8N50E	500 V	1	D2-PAK	8	SPB03N60S5
ON	MTD1N50E	500 V	5	D-PAK	1	SPD01N60S5
ON	MTD2N50E	500 V	4	D-PAK	2	SPD01N60S5
ON	MTP3N50E	500 V	3	TO-220	3	SPP02N60S5
ON	MTP4N50E	500 V	2	TO-220	4	SPP03N60S5
ON	MTP8N50E	500 V	1	TO-220	8	SPP04N60C2

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ON	MTW14N50E	500 V	0.4	TO-247	14	SPW11N60C2
ON	MTW20N50E	500 V	0.24	TO-247	20	SPW20N60C2
ON	NTB12N50	500 V	0.41	D2-PAK	12	SPB11N60C2
ON	NTP12N50	500 V	0.41	TO-220	12	SPP11N60C2
ON	MTP1N60E	600 V	8	TO-220	1	SPU01N60S5
ON	MTB2N60E/D	600 V	3.8	D2-PAK	2	SPB02N60S5
ON	MTB3N60E	600 V	2	D2-PAK	3	SPB03N60S5
ON	MTB6N60E1	600 V	1.2	D2-PAK	6	SPB03N60S5
ON	MTD1N60E	600 V	8	D-PAK	1	SPD01N60S5
ON	MTP2N60E	600 V	4	TO-220	2	SPP02N60S5
ON	MTP3N60E	600 V	2	TO-220	3	SPP03N60S5
ON	MTP6N60E	600 V	1	TO-220	6	SPP04N60C2
ON	MTW8N60E	600 V	0.55	TO-247	8	SPP07N60C2
ON	NTB10N60	600 V	0.75	D2-PAK	10	SPB04N60C2
ON	NTB6N60	600 V	1.2	D2-PAK	6	SPB03N60S5
ON	NTD4N60	600 V	2.3	D-PAK	4	SPD01N60S5
ON	NTP10N60	600 V	0.75	TO-220	10	SPP04N60C2
ON	NTP6N60	600 V	1.2	TO-220	6	SPP03N60S5
ON	MTP4N80E	800 V	3	TO-220	4	SPP06N80C2
ON	MTW7N80E	800 V	1	TO-247	7	SPP06N80C2