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**N-Channel & P-Channel MOSFETs**

Jameco Part #	Manufacturer	Manufacturer Part #	Description	Supplier Package	Transistor Polarity	Maximum Drain Source Voltage	Maximum Continuous Drain Current	Maximum Gate Source Voltage	Price 1
<a href="#">2303359</a>	SILICONIX/VISHAY INTERTECHNOLOGY	2N6659	MOSFET Transistor N-Channel Enhancement-Mode 35V 1.4A 6.25W TO-220AB	TO-205AD	N	35 V	1.4 A	±20V	\$4.95
<a href="#">119423</a>	Major Brands	2N7000	Transistor 2N7000 MOSFET N Channel 60 Volt 0.2 Amp SOT54	TO-92-3	N	60 V	200 mA	±20V	\$0.35
<a href="#">140169</a>	Major Brands	2N7002	Transistor 2N7002 TMOS FET N-Channel SOT23	SOT-23 (SMD)	N	60 V	115 mA	±20V	\$0.29
<a href="#">2280455</a>	Fujitsu	2SK956-01	800V 8A Power N Channel Silicon Power MOSFET Transistor	TO-247-3	N	800 V	9 A	±30V	\$1.95
<a href="#">256031</a>	Major Brands	BS170	Transistor BS170 TO-92 Transistor N Channel MOSFET 60 Volt	TO-92-3	N	60 V	500 mA	±20V	\$0.39
<a href="#">256057</a>	Major Brands	BS250	Transistor BS250 TO-92 Transistor P Channel MOSFET 45 Volt	TO-92-3	P	-45 V	-0.25 A	±20V	\$0.99
<a href="#">2291127</a>	Zetex Semiconductor	BS250FTA	MOSFET P-Channel 45V 90mA 330mW (Ta) Surface Mount SOT-23-3	SOT-23-3 (SMD)	P	45 V	90 mA	0.2	\$0.59
<a href="#">2294935</a>	Diodes Incorporated	BS250P	Transistor MOSFET P-Channel 45V 230mA E-Line (TO-92 compatible)	E-Line-3 (TO-92)	P	45 V	230 mA	±20V	\$0.79
<a href="#">2217852</a>	Siemens Corporation	BUZ77A	Transistor BUZ77 SIPMOS N-Channel 600V 2.7A TO-220AB	TO-220-3	N	600 V	2.7 A	±20V	\$0.99
<a href="#">2217861</a>	Siemens Corporation	BUZ78	IC BUZ78 SIPMOS Power Transistor 800V 1.5A TO-220AB	TO-220-3	N	800 V	1.5 A	±20V	\$1.19
<a href="#">2296159</a>	Fairchild Semiconductor	FDC638P	Transistor MOSFET P-Channel 20V 4.5A (4500mA) 1.6W (Ta) Surface Mount SuperSOT-6	TSOT-23-6	P	20 V	4.5 A	±8V	\$0.39
<a href="#">2296167</a>	Fairchild Semiconductor	FDV302P	Transistor MOSFET P-Channel 25V 125mA 350mW Surface Mount SOT-23	SOT-23-3 (SMD)	P	25 V	120 mA	±8V	\$0.29
<a href="#">2218089</a>	Fairchild Semiconductor	FQA19N60	Transistor FQA19N60 N-Channel QFET MOSFET 600V 18.5A TO-3PN	TO-3-3PN	N	600 V	18.5 A	±30V	\$2.95
<a href="#">2287775</a>	Fairchild Semiconductor	FQN1N50CTA	Transistor N-Channel Power MOSFET 500V 380mA TO-92	TO-92-3	N	500 V	380 mA	±30V	\$0.59
<a href="#">2299639</a>	On Semiconductor	FQP27P06	MOSFET P-Channel 60V 27A 120W Through	TO-220-3	P	60 V	27 A	±25V	\$1.19

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			Hole TO-220-3						
2308455	On Semiconductor	FQP3P50	MOSFET P-Channel 500V 2.7A (Tc) 85W (Tc) Through Hole TO-220-3	TO-220-3	P	500 V	2.7 A	±30V	\$1.35
785590	Fairchild Semiconductor	FQP50N06	Transistor FQP50N06 MOSFET N-Channel 60 Volt 50 Amp TO-220	TO-220-3	N	60 V	50 A	±25V	\$1.49
618089	Major Brands	IRF3205	Transistor IRF3205 TO-220 N Channel MOSFET	TO-220-3	N	55 V	110 A	±20V	\$1.29
670442	Major Brands	IRF4905	Transistor IRF4905 MOSFET P-Channel -55Volt TO-220AB	TO-220-3	P	-55 V	-74 A	±20V	\$1.69
209234	Major Brands	IRF510	Transistor IRF510 MOSFET N Channel 100 Volt	TO-220-3	N	100 V	5.6 A	±20V	\$0.99
209226	Major Brands	IRF520	IRF520 MOSFET Transistors	TO-220-3	N	100 V	7 A	±20V	\$0.99
210500	Major Brands	IRF530	Transistor IRF530MOSFET N Channel 100 Volt	TO-220-3	N	100 V	14 A	±20V	\$1.19
670485	Major Brands	IRF5305	Transistor IRF5305 P-Channel MOSFET -55 Volt TO-220Ab	TO-220-3	P	-55 V	-31 A	±20V	\$1.15
1559965	Infineon Technologies	IRF5305PBF	Transistor IRF5305PBF MOSFET P-Channel 55 Volt 31 Amp TO-220AB	TO-220-3	P	-55 V	-31 A	±20V	\$1.15
2285239	Motorola	IRF533	General Purpose N-Channel MOSFET 60V 12A	TO-220-3	N	60 V	12 A	±20V	\$1.49
210518	Major Brands	IRF540	Transistor IRF540MOSFET N Channel 100 Volt	TO-220-3	N	100 V	27 A	±20V	\$0.99
1560051	Infineon Technologies	IRF540NPBF	Transistor IRF540NPBF N-Channel MOSFET 100 Volt 33 Amp TO-220AB	TO-220-3	N	100 V	33 A	±20V	\$1.05
210526	Major Brands	IRF620	Transistor MOSFET N-Channel 200V 5.2A 50W TO-220AB	TO-220AB	N	200 V	5.2 A	±20V	\$0.79
210534	Major Brands	IRF630	Transistor IRF630 MOSFET N Channel 200 Volt	TO-220-3	N	200 V	9 A	±20V	\$0.99
210542	Major Brands	IRF640	Transistor IRF640 MOSFET N-Channel 200 Volt 18 amps	TO-220-3	N	200 V	18 A	±20V	\$1.09
670231	Major Brands	IRF644	IRF644 MOSFET Transistor N-Channel 250V 14A 125W TO-220AB	TO-220AB	N	250 V	14 A	±20V	\$1.49
2284975	Major Brands	IRF721	N-Channel Power MOSFET 350V 3300mA	TO-220-3	N	350 V	3.3 A	±20V	\$0.99
210551	Major Brands	IRF730	Transistor IRF730 MOSFET N-Channel 400 Volt 5.5 Amp TO-220	TO-220-3	N	400 V	5.5 A	±20V	\$1.19
210569	Major Brands	IRF740	Transistor IRF740 MOSFET N-Channel 400 Volt 10 Amp	TO-220-3	N	400 V	10 A	±20V	\$1.59
210577	Major Brands	IRF820	Transistor IRF820 N-Channel MOSFET 500 Volt 4 Amp TO-220	TO-220-3	N	500 V	4 A	±30V	\$1.15
210585	Major Brands	IRF830	Transistor IRF830 N-Channel MOSFET 500V	TO-220-3	N	500 V	4.5 A	±20V	\$1.09

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			4.5A TO-220						
<a href="#">184719</a>	Major Brands	IRF840	Transistor IRF840 N Channel 500 Volt 8 Amps	TO-220-3	N	500 V	8 A	±20V	\$1.69
<a href="#">670629</a>	Infineon Technologies	IRF9520	Transistor IRF9520 P-Channel MOSFET -100V -6Amp TO-220AB	TO-220-3	P	-100	-6 A	±20V	\$0.99
<a href="#">670741</a>	Major Brands	IRF9530	Transistor IRF9530 MOSFET -100V -7.5 Amp TO-220	TO-220-3	P	-100 V	-12 A	±20V	\$1.19
<a href="#">670637</a>	Major Brands	IRF9530N	Transistor IRF9530N MOSFET P-Channel -100V -14 Amp TO-220AB	TO-220-3	P	-100 V	-14 A	±20V	\$0.99
<a href="#">670645</a>	Major Brands	IRF9540N	Transistor IRF9540N MOSFET P-Channel -100V TO-220	TO-220-3	P	-100 V	-23 A	±20V	\$1.05
<a href="#">2045608</a>	Infineon Technologies	IRF9630	Transistor IRF9630PBF MOSFET P-Channel 200 Volt 6.5 Amp TO-220	TO-220-3	P	-200 V	-6.5 A	±20V	\$1.39
<a href="#">670653</a>	Major Brands	IRF9640	Transistor IRF9640 P-Channel MOSFET -200V 11A TO-220	TO-220-3	P	-200 V	-11 A	±20V	\$1.59
<a href="#">670581</a>	Major Brands	IRF9Z34N	Mosfet Irf9Z34N To-220Abp-Channel -55V	TO-220-3	P	-55 V	-19 A	±20V	\$0.85
<a href="#">2286479</a>	Vishay	IRFBC30ALPF	N-Channel Power MOSFET Transistor 600V 3.6A	TO-262-3	N	600 V	3.6 A	±30V	\$1.69
<a href="#">670098</a>	Infineon Technologies	IRFP250N	MOSFET IRFP250N TO-247AC N-Channel 200V 30A	TO-247-3	N	200 V	30 A	±20V	\$2.19
<a href="#">670101</a>	Major Brands	IRFP260N	MOSFET IRFP260N TO-247AC N-Channel 200V 50A	TO-247-3	N	200 V	50 A	±20V	\$2.95
<a href="#">670135</a>	Major Brands	IRFP450	Transistor IRFP450 N-Channel MOSFET 500V 14A TO-247	TO-247-3	N	500 V	14 A	±20V	\$2.95
<a href="#">670143</a>	Major Brands	IRFP460	Transistor IRFP460 N-Channel MOSFET 500V 20amp TO-247	TO-247-3	N	500 V	20 A	±20V	\$3.95
<a href="#">2308463</a>	Infineon Technologies	IRFP4668PBF	MOSFET N-Channel 200V 130A (Tc) 520W (Tc) Through Hole TO-247AC	TO-247-3	N	200 V	130 A	±30V	\$5.75
<a href="#">2308439</a>	Infineon Technologies	IRFU5305PBF	MOSFET P-Channel 55V 31A (Tc) 110W (Tc) Through Hole IPAK TO-251	TO-251AA	P	55 V	31 A	±20V	\$0.95
<a href="#">669871</a>	Major Brands	IRFZ24N	Transistor IRFZ24N N-Channel MOSFET 55 Volt 17 Amp TO-220AB	TO-220-3	N	55 V	17 A	±20V	\$0.59
<a href="#">2125376</a>	Infineon Technologies	IRFZ32	MOSFET,IRFZ32,TO-220AB,50V,25A,0.05Ohm HEXFET,TO-220AB PLASIC	TO-220AB	N	50 V	25 A	±20V	\$2.95
<a href="#">669935</a>	Major Brands	IRFZ34N	Transistor IRFZ34N MOSFET N-Channel 55V	TO-220-3	N	60 V	30 A	±20V	\$0.85

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			TO-220						
<a href="#">669951</a>	Major Brands	IRFZ44N	Mosfet IRFZ44N TO-220AB N-Channel 55V	TO-220-3	N	55 V	49 A	±20V	\$1.09
<a href="#">669978</a>	Infineon Technologies	IRFZ46N	Transistor IRFZ46N MOSFET N-Channel 55V 28A TO-220	TO-220-3	N	55 V	53 A	±20V	\$0.99
<a href="#">669986</a>	Major Brands	IRFZ48N	Transistor IRFZ48N N-Channel MOSFET 55V TO-220	TO-220-3	N	55 V	64 A	±20V	\$1.05
<a href="#">209058</a>	Major Brands	IRL520	Transistor IRL520 N-Channel MOSFET 100 Volt 9.2 Amp TO-220	TO-220-3	N	100 V	9.2 A	±10V	\$0.79
<a href="#">670160</a>	Infineon Technologies	IRL530N	Transistor IRL530N N-Channel MOSFET 100V 12A TO-220	TO-220-3	N	100 V	17 A	±16V	\$0.95
<a href="#">670194</a>	Major Brands	IRL540N	Mosfet IRL540N TO-220AB 100V 36A	TO-220-3	N	100 V	36 A	±16V	\$1.25
<a href="#">2210626</a>	Infineon Technologies	IRLB8721PBF	IRLB8721 HEXFET&reg; Power N-Channel MOSFET	TO-220-3	N	30 V	62 A	±20V	\$0.79
<a href="#">2285135</a>	Major Brands	IRLBA1304P	General Purpose N-Channel MOSFET 40V 185A	TO-220-3	N	40 V	185 A	±16V	\$1.95
<a href="#">669943</a>	Major Brands	IRLZ34N	MOSFET IRLZ34N N-Channel 55V TO-220AB	TO-220-3	N	55 V	30 A	±16V	\$1.09
<a href="#">2296191</a>	Infineon Technologies	IRLZ34S	Transistor MOSFET N-Channel 60V 30A 88W (Tc) Surface Mount D2PAK	TO-263-3	N	60 V	30 A	±10V	\$1.95
<a href="#">2303463</a>	Motorola	MPF930RLRA	N-Channel Enhancement-Mode TMOS Switching 35V 2A TO-226AE	TO-226AE	N	35 V	2 A	±20V	\$0.49
<a href="#">2203661</a>	Motorola	MTP10N40E	IC MTP10N40E TMOS E-FET? 400V 10A TO-220AB	TO-220-3	N	400 V	10 A	±20V	\$0.59
<a href="#">2281071</a>	STMicroelectronics	MTP3N60	General Purpose N-Channel MOSFET 600V 3A TO-220AB	TO-220-3	N	600 V	3 A	±20V	\$0.59
<a href="#">2285639</a>	Motorola	MTW45N10E	100V N-Channel General Purpose Transistor TO-247AE	TO-247-3	N	100 V	45 A	±20V	\$2.95
<a href="#">2296335</a>	Fairchild Semiconductor	NDS352P	Transistor MOSFET P-Channel 20V 850mA 500mW (Ta) Surface Mount SuperSOT-3	SOT-23-3 (SMD)	P	20 V	850 mA	±12V	\$0.49
<a href="#">2296343</a>	Fairchild Semiconductor	NDT2955	Transistor MOSFET P-Channel 60V 2.5A 3W (Ta) Surface Mount SOT-223-4	SOT-233-4	P	60 V	2.5 A	±20V	\$0.49
<a href="#">2296351</a>	Fairchild Semiconductor	NDT456P	Transistor MOSFET P-Channel 30V 7.5A 3W (Ta) Surface Mount SOT-223-4	SOT-233-4	P	30 V	7.5 A	±20V	\$1.49
<a href="#">787798</a>	Fairchild Semiconductor	RFP12N10L	Transistor RFP12N10L MOSFET N-Channel 100 Volt 12 Amp TO-220	TO-220-3	N	100 V	12 A	±10V	\$0.89

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2303535	SILICONIX/VISHAY INTERTECHNOLOGY	SMP50N06-25	N-Channel Enhancement-Mode MOSFET 60V 50A TO-220AB	TO-220AB	N	60 V	50 A	28V	\$2.95
2285167	Major Brands	SMW70N06-14	General Purpose N-Channel Transistor 60V 70A TO-220	TO-220-3	N	60 V	70 A	20V	\$12.95
2287727	STMicroelectronics	STF7NM80	Transistor N-Channel Power MOSFET 800V 6.5A	TO-220-3	N	800 V	6.5 A	±30V	\$2.95
2001373	STMicroelectronics	STP16NF06L	Transistor MOSFET N Channel 60 Volt 16 Amp 3 Pin 3+ Tab TO-220	TO-220-3	N	60 V	16 A	±16V	\$0.89
2287735	STMicroelectronics	STP35NF10	Transistor N-Channel Power MOSFET 100V 40A	TO-220-3	N	100 V	40 A	±20V	\$1.49
2287183	STMicroelectronics	STP45NF06L	N-Channel Transistor Power MOSFET 60V 38A	TO-220-3	N	60 V	38 A	±20V	\$1.48
2308471	STMicroelectronics	STP7NK40Z	MOSFET N-Channel 400V 5.4A (Tc) 70W (Tc) Through Hole TO-220AB	TO-220AB	N	400 V	5.4 A	±30V	\$1.19
812391	STMicroelectronics	STP80NF03L-04	Transistor STP80NF03L-04 N-Channel MOSFET 30 Volt 80 Amp TO-220	TO-220-3	N	30 V	80 A	±20V	\$2.95
2308479	STMicroelectronics	STQ1NK80ZR-AP	MOSFET N-Channel 800V 300mA (Tc) 3W (Tc) Through Hole TO-92-3	TO-92-3	N	800 V	0.3 A	±30V	\$0.69
2286471	STMicroelectronics	STW75N20	N-Channel Power MOSFET Transistor 200V 75A	TO-247-3	N	200 V	75 A	±20V	\$2.95
2281127	STMicroelectronics	STWA88N65M5	General Purpose N-Channel MOSFET 650V 84A TO-247	TO-247-3	N	650 V	84 A	±25V	\$19.95
2277455	Microchip Technology	TP0604N3	Transistor MOSFET P-Channel -40 Volt 430mA TO-92	TO-92-3	P	-40 V	-430 mA	±20V	\$1.19
2303551	National Semiconductor	U1899E	Switching N-Channel MOSFET 40V 8mA TO-106	TO-92	N	40 V	8 mA	n/a	\$8.95
2280567	Major Brands	VMP1	TO-3 General Purpose N-Channel MOSFET 60V 2A	TO-3	N	60 V	2 A	n/a	\$0.89
2303575	HARRIS EDUCATIONAL	VN10KM	N-Channel Enhancement-Mode MOSFET 60V 310mA TO-237AA	TO-237AA	N	60 V	310 mA	15V	\$2.95
1944901	Major Brands	ZVP3306A	Transistor ZVP3306A MOSFET P-Channel 60Volt 160Ma TO-92	TO-92-3	P	-60 V	-160 mA	±20V	\$0.75