

High Reliability Power/Military MOSFETs



Cross Reference Guide

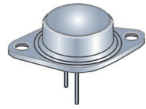
Microsemi, a leader in military and commercial aerospace semiconductors, adds Power/Military MOSFETs in hermetic packaging to further support the needs of high reliability customers. These devices are DLA qualified and offer great value to HiRel Customers and mission critical applications. All these QPL devices come in JAN, JANTX, JANTXV, JANS qualification levels. Commercial grade is also available.

MILMOSFET Cross Reference Guide to IR

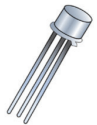
MSCC QUAL LEVELS: IR doesn't offer JAN

SI.NO	IR Part Number	MSCC Cross reference Part Number	JEDEC Part Number	JAN	JANTX	JANTXV	JANS	Slash Sheet	Package	Polarity	Rated Voltage	Rated Power
1	IRF350	2N6768	2N6768	X	X	X		/543	TO-3	N	400V	150W
2	No IR Eq.	2N6768T1	2N6768T1	X	X	X		/543	TO-254 (T1)	N	400V	150W
3	IRF450	2N6770	2N6770	X	X	X		/543	TO-3	N	500V	150W
4	No IR Eq.	2N6770T1	2N6770T1	X	X	X		/543	TO-254 (T1)	N	500V	150W
5	IRFF330	2N6800	2N6800	X	X	X		/557	TO-39	N	400V	25W
6	IRFE330	2N6800U	2N6800U	X	X	X		/557	LCC18	N	400V	25W
7	IRFF430	2N6802	2N6802	X	X	X		/557	TO-39	N	500V	25W
8	IRFE430	2N6802U	2N6802U	X	X	X		/557	LCC18	N	500V	25W
9	IRFM350	2N7227	2N7227	X	X	X		/592	TO-254 (T1)	N	400V	150W
10	IRFN350	2N7227U	2N7227U	X	X	X		/592	SMD1	N	400V	150W
11	IRFM450	2N7228	2N7228	X	X	X		/592	TO-254 (T1)	N	500V	150W
12	IRFN450	2N7228U	2N7228U	X	X	X		/592	SMD1	N	500V	150W
13	No IR Eq.	2N6898*	2N6898	X	X	X		/565	TO-3 (060)	P	100V	150W
14	IRF330	2N6760	2N6760	X	X	X		/542	TO-3	N	400V	75W
15	IRF430	2N6762	2N6762	X	X	X		/542	TO-3	N	500V	75W
16	IRF130	2N6756	2N6756	X	X	X		/542	TO-3	N	100V	75W
17	IRF230	2N6758	2N6758	X	X	X		/542	TO-3	N	200V	75W
18	IRF250	2N6766	2N6766	X	X	X		/543	TO-3 (060)	N	200V	150W

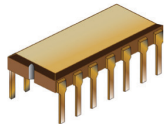
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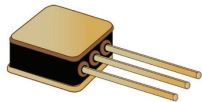
TO-3



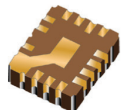
TO-39



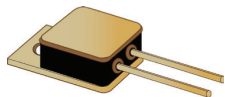
MO-036AB



TO-254



LCC18



SMD1



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MILMOSFET Cross Reference Guide to IR

(continued from side 1)

MSCC QUAL LEVELS: IR doesn't offer JAN

SI.NO	IR Part Number	MSCC Cross reference Part Number	JEDEC Part Number	JAN	JANTX	JANTXV	JANS	Slash Sheet	Package	Polarity	Rated Voltage	Rated Power
19	IRF250	2N6766T1	2N6766T1	X	X	X		/543	TO-254 (T1)	N	200V	150W
20	IRFM250	2N7225	2N7225	X	X	X		/592	TO-254 (T1)	N	200V	150W
21	IRFN250	2N7225U	2N7225U	X	X	X		/592	SMD1	N	200V	150W
22	IRF150	2N6764	2N6764	X	X	X		/543	TO-3 (060)	N	100V	150W
23	No IR Eq.	2N6764T1	2N6764T1	X	X	X		/543	TO-254 (T1)	N	100V	150W
24	IRFF110	2N6782	2N6782	X	X	X		/556	TO-39	N	100V	15W
25	IRFE110	2N6782U	2N6782U	X	X	X		/556	LCC18	N	100V	15W
26	IRFF210	2N6784	2N6784	X	X	X		/556	TO-39	N	200V	15W
27	IRFE210	2N6784U	2N6784U	X	X	X		/556	LCC18	N	200V	15W
28	IRFF120	2N6788	2N6788	X	X	X		/555	TO-39	N	100V	20W
29	IRFE120	2N6788U	2N6788U	X	X	X		/555	LCC18	N	100V	14W
30	IRFF220	2N6790	2N6790	X	X	X		/555	TO-39	N	200V	20W
31	IRFE220	2N6790U	2N6790U	X	X	X		/555	LCC18	N	200V	14W
32	IRFF130	2N6796	2N6796	X	X	X		/557	TO-39	N	100V	25W
33	IRFE130	2N6796U	2N6796U	X	X	X		/557	LCC18	N	100V	25W
34	IRFF230	2N6798	2N6798	X	X	X	X	/557	TO-39	N	200V	25W
35	IRFE230	2N6798U	2N6798U	X	X	X		/557	LCC18	N	200V	25W
36	IRF9130	2N6804	2N6804	X	X	X		/562	TO-3	P	-100V	75W
37	IRFF9130	2N6849	2N6849	X	X	X	X	/564	TO-39	P	-100V	25W
38	IRFE9130	2N6849U	2N6849U	X	X	X	X	/564	LCC-18	P	-100V	25W
39	No IR Eq.	2N6901	2N6901	X	X	X		/570	TO-39K	N	100V	8.33W
40	IRFM150	2N7224	2N7224	X	X	X		/592	TO-254 (T1)	N	100V	150W
41	IRFN150	2N7224U	2N7224U	X	X	X		/592	SMD1	N	100V	150W
42	IRFM9140	2N7236	2N7236	X	X	X		/595	TO-254 (T1)	P	-100V	125W
43	IRFN9140	2N7236U	2N7236U	X	X	X		/595	SMD1	P	-100V	125W
44	IRFG110	2N7334	2N7334	X	X	X		/597	MO-036AB	N Quad	100V	1.4W
45	IRFG9110	2N7335	2N7335	X	X	X		/599	MO-036AB	P Quad	100V	1.4W

* - In development . Expected in 2014;

Note: MILMOSFETs ≠ RADHARD MOSFETs. This product line does not support Radiation Hardness Assurance (RHA) level. For RadHard MOSFETs, please visit www.microsemi.com.

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