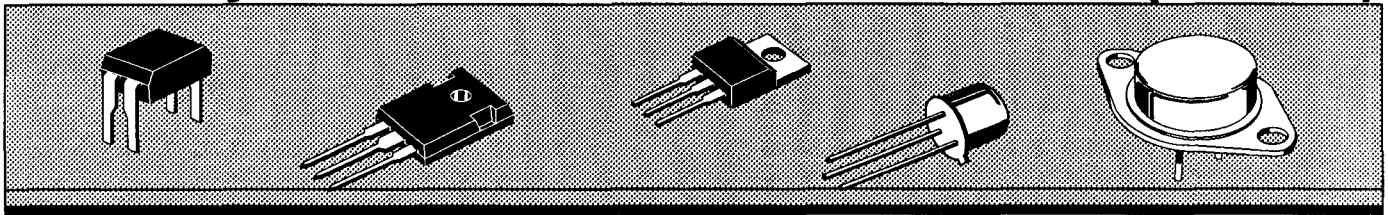


# Industry-Std. Commercial MOSFETs (Cont'd)



Part Number	$V_{(BR)DSS}$ (V)	$I_D$ (A)	$r_{DS(ON)}$ ( $\Omega$ )	Package
IRF632 <sup>1</sup>	200	8.0	0.60	TO-220AB
IRF633 <sup>1</sup>	150	8.0	0.60	TO-220AB
IRF640	200	18	0.18	TO-220AB
IRF642 <sup>1</sup>	200	16	0.22	TO-220AB
IRF643 <sup>1</sup>	150	16	0.22	TO-220AB
IRF720	400	3.0	1.8	TO-220AB
IRF721 <sup>1</sup>	350	3.0	1.8	TO-220AB
IRF722 <sup>1</sup>	400	2.5	2.5	TO-220AB
IRF723 <sup>1</sup>	350	2.5	2.5	TO-220AB
IRF730	400	5.5	1.0	TO-220AB
IRF731 <sup>1</sup>	350	5.5	1.0	TO-220AB
IRF732 <sup>1</sup>	400	4.5	1.5	TO-220AB
IRF733 <sup>1</sup>	350	4.5	1.5	TO-220AB
IRF740	400	10	0.55	TO-220AB
IRF741 <sup>1</sup>	350	10	0.55	TO-220AB
IRF742 <sup>1</sup>	400	8.0	0.80	TO-220AB
IRF743 <sup>1</sup>	350	8.0	0.80	TO-220AB
IRF820	500	2.5	3.0	TO-220AB
IRF821 <sup>1</sup>	450	2.5	3.0	TO-220AB
IRF822 <sup>1</sup>	500	2.0	4.0	TO-220AB
IRF823 <sup>1</sup>	450	2.0	4.0	TO-220AB
IRF830	500	4.5	1.5	TO-220AB
IRF831 <sup>1</sup>	450	4.5	1.5	TO-220AB
IRF832 <sup>1</sup>	500	4.0	2.0	TO-220AB
IRF833 <sup>1</sup>	450	4.0	2.0	TO-220AB
IRF840	500	8.0	0.85	TO-220AB
IRF841 <sup>1</sup>	450	8.0	0.85	TO-220AB
IRF842 <sup>1</sup>	500	7.0	1.1	TO-220AB
IRF843 <sup>1</sup>	450	7.0	1.1	TO-220AB
IRF9130	-100	-12	0.30	TO-204AA
IRF9131 <sup>1</sup>	-60	-12	0.30	TO-204AA
IRF9132 <sup>1</sup>	-100	-10	0.40	TO-204AA
IRF9133 <sup>1</sup>	-60	-10	0.40	TO-204AA
IRF9230	-200	-6.5	0.80	TO-204AA
IRF9231 <sup>1</sup>	-150	-6.5	0.80	TO-204AA

Part Number	$V_{(BR)DSS}$ (V)	$I_D$ (A)	$r_{DS(ON)}$ ( $\Omega$ )	Package
IRF9232 <sup>1</sup>	-200	-5.5	1.2	TO-204AA
IRF9233 <sup>1</sup>	-150	-5.5	1.2	TO-204AA
IRF9520 <sup>1</sup>	-100	-6.0	0.60	TO-220AB
IRF9521	-60	-6.0	0.60	TO-220AB
IRF9522 <sup>1</sup>	-100	-5.0	0.80	TO-220AB
IRF9523 <sup>1</sup>	-60	-5.0	0.80	TO-220AB
IRF9530	-100	-12	0.30	TO-220AB
IRF9531 <sup>1</sup>	-60	-12	0.30	TO-220AB
IRF9532 <sup>1</sup>	-100	-10	0.40	TO-220AB
IRF9533 <sup>1</sup>	-60	-10	0.40	TO-220AB
IRF9620	-200	-3.5	1.5	TO-220AB
IRF9621 <sup>1</sup>	-150	-3.5	1.5	TO-220AB
IRF9622 <sup>1</sup>	-200	-3.0	2.4	TO-220AB
IRF9623 <sup>1</sup>	-150	-3.0	2.4	TO-220AB
IRF9630	-200	-6.5	0.80	TO-220AB
IRF9631 <sup>1</sup>	-150	-6.5	0.80	TO-220AB
IRF9632 <sup>1</sup>	-200	-5.5	1.2	TO-220AB
IRF9633 <sup>1</sup>	-150	-5.5	1.2	TO-220AB
IRFD110	100	1.0	0.60	TO-250
IRFD113 <sup>1</sup>	60	0.80	0.80	TO-250
IRFD120	100	1.3	0.30	TO-250
IRFD123 <sup>1</sup>	60	1.1	0.40	TO-250
IRFD210	200	0.60	1.5	TO-250
IRFD213 <sup>1</sup>	150	0.45	2.4	TO-250
IRFD220	200	0.80	0.80	TO-250
IRFD223 <sup>1</sup>	150	0.70	1.2	TO-250
IRFD020	50	2.4	0.10	TO-250
IRFD022 <sup>1</sup>	50	2.2	0.12	TO-250
IRFD9020	-50	-1.6	0.28	TO-250
IRFD9022 <sup>1</sup>	-50	-1.4	0.33	TO-250
IRFD9120	-100	-1.0	0.60	TO-250
IRFD9123 <sup>1</sup>	-60	-0.80	0.80	TO-250

<sup>1</sup>Not recommended for new designs

**NOTE:** Negative voltage indicates P-Channel MOSFET