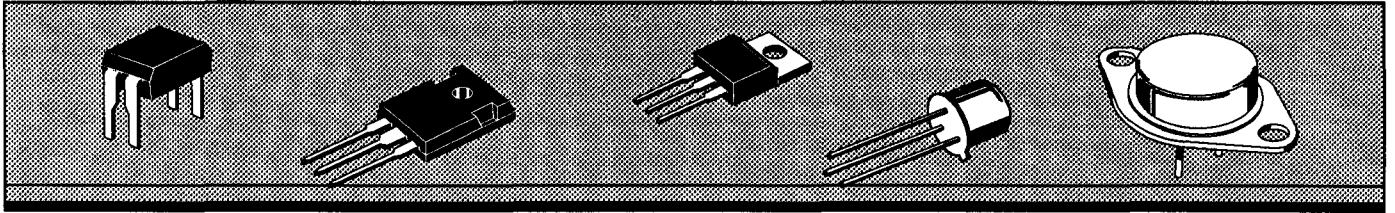


# Industry-Standard Commercial MOSFETs



Part Number	$V_{(BR)DSS}$ (V)	$I_D$ (A)	$r_{DS(ON)}$ ( $\Omega$ )	Package
IRF130 <sup>1</sup>	100	14	0.18	TO-204AE
IRF131 <sup>1</sup>	60	14	0.18	TO-204AE
IRF132 <sup>1</sup>	100	12	0.25	TO-204AE
IRF133 <sup>1</sup>	60	12	0.25	TO-204AE
IRF140 <sup>1</sup>	100	27	0.085	TO-204AE
IRF141 <sup>1</sup>	60	27	0.085	TO-204AE
IRF142 <sup>1</sup>	100	24	0.11	TO-204AE
IRF143 <sup>1</sup>	60	24	0.11	TO-204AE
IRF150 <sup>1</sup>	100	40	0.055	TO-204AE
IRF151 <sup>1</sup>	60	40	0.055	TO-204AE
IRF152 <sup>1</sup>	100	33	0.080	TO-204AE
IRF153 <sup>1</sup>	60	33	0.080	TO-204AE
IRF230 <sup>1</sup>	200	9.0	0.40	TO-204AA
IRF231 <sup>1</sup>	150	9.0	0.40	TO-204AA
IRF232 <sup>1</sup>	200	8.0	0.60	TO-204AA
IRF233 <sup>1</sup>	150	8.0	0.60	TO-204AA
IRF240 <sup>1</sup>	200	18	0.18	TO-204AA
IRF241 <sup>1</sup>	150	18	0.18	TO-204AA
IRF242 <sup>1</sup>	200	16	0.22	TO-204AA
IRF243 <sup>1</sup>	150	16	0.22	TO-204AA
IRF250 <sup>1</sup>	200	30	0.085	TO-204AE
IRF251 <sup>1</sup>	150	30	0.085	TO-204AE
IRF252 <sup>1</sup>	200	25	0.12	TO-204AE
IRF253 <sup>1</sup>	150	25	0.12	TO-204AE
IRF330 <sup>1</sup>	400	5.5	1.0	TO-204AA
IRF331 <sup>1</sup>	350	5.5	1.0	TO-204AA
IRF332 <sup>1</sup>	400	4.5	1.5	TO-204AA
IRF333 <sup>1</sup>	350	4.5	1.5	TO-204AA
IRF340 <sup>1</sup>	400	10	0.55	TO-204AA
IRF341 <sup>1</sup>	350	10	0.55	TO-204AA
IRF342 <sup>1</sup>	400	8.0	0.80	TO-204AA
IRF343 <sup>1</sup>	350	8.0	0.80	TO-204AA
IRF350 <sup>1</sup>	400	15	0.30	TO-204AA
IRF351 <sup>1</sup>	350	15	0.30	TO-204AA
IRF352 <sup>1</sup>	400	13	0.40	TO-204AA
IRF353 <sup>1</sup>	350	13	0.40	TO-204AA
IRF430 <sup>1</sup>	500	4.5	1.5	TO-204AA
IRF431 <sup>1</sup>	450	4.5	1.5	TO-204AA

Part Number	$V_{(BR)DSS}$ (V)	$I_D$ (A)	$r_{DS(ON)}$ ( $\Omega$ )	Package
IRF432 <sup>1</sup>	500	4.0	2.0	TO-204AA
IRF433 <sup>1</sup>	450	4.0	2.0	TO-204AA
IRF440 <sup>1</sup>	500	8.0	0.85	TO-204AA
IRF441 <sup>1</sup>	450	8.0	0.85	TO-204AA
IRF442 <sup>1</sup>	500	7.0	1.1	TO-204AA
IRF443 <sup>1</sup>	450	7.0	1.1	TO-204AA
IRF450 <sup>1</sup>	500	13	0.40	TO-204AA
IRF451 <sup>1</sup>	450	13	0.40	TO-204AA
IRF452 <sup>1</sup>	500	12	0.50	TO-204AA
IRF453 <sup>1</sup>	450	12	0.50	TO-204AA
IRF510	100	4.0	0.60	TO-220AB
IRF511 <sup>1</sup>	60	4.0	0.60	TO-220AB
IRF512 <sup>1</sup>	100	3.5	0.80	TO-220AB
IRF513 <sup>1</sup>	60	3.5	0.80	TO-220AB
IRF520	100	8.0	0.30	TO-220AB
IRF521 <sup>1</sup>	60	8.0	0.30	TO-220AB
IRF522 <sup>1</sup>	100	7.0	0.40	TO-220AB
IRF523 <sup>1</sup>	60	7.0	0.40	TO-220AB
IRF530	100	14	0.18	TO-220AB
IRF531 <sup>1</sup>	60	14	0.18	TO-220AB
IRF532 <sup>1</sup>	100	12	0.25	TO-220AB
IRF533 <sup>1</sup>	60	12	0.25	TO-220AB
IRF540	100	27	0.085	TO-220AB
IRF541 <sup>1</sup>	60	27	0.085	TO-220AB
IRF542 <sup>1</sup>	100	24	0.11	TO-220AB
IRF543 <sup>1</sup>	60	24	0.11	TO-220AB
IRF610	200	2.5	1.5	TO-220AB
IRF611 <sup>1</sup>	150	2.5	1.5	TO-220AB
IRF612 <sup>1</sup>	200	2.0	2.4	TO-220AB
IRF613 <sup>1</sup>	150	2.0	2.4	TO-220AB
IRF620	200	5.0	0.80	TO-220AB
IRF621 <sup>1</sup>	150	5.0	0.80	TO-220AB
IRF622 <sup>1</sup>	200	4.0	1.2	TO-220AB
IRF623 <sup>1</sup>	150	4.0	1.2	TO-220AB
IRF630	200	9.0	0.40	TO-220AB
IRF631 <sup>1</sup>	150	9.0	0.40	TO-220AB

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