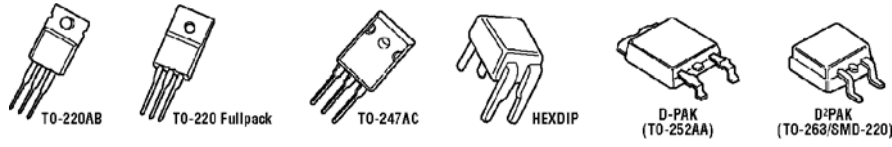


MOSFETs (Continued)



HEXFET™ Power MOSFETs — TO-220AB (continued)  
N-Channel (continued)

Mfr.'s Type	V(BR) <sub>oss</sub> (V)	R <sub>DS(on)</sub> (Ω)	I <sub>o</sub> @ 25°C (A)	P <sub>o</sub> (W)
IRFZ24N*	55	0.0700	17.00	45.00
IRF1010E*	60	0.0140	81.00	170.00
IRFZ44E*	60	0.0260	48.00	110.00
IRFZ34E*	60	0.0400	28.00	68.00
IRFZ14*	60	0.2000	10.00	43.00
IRF2807*	75	0.0130	71.00	150.00
IRF3710*	100	0.0280	46.00	150.00
IRF1310N*	100	0.0360	36.00	120.00
IRF540N*	100	0.0520	27.00	94.00
IRF530N*	100	0.1100	15.00	60.00
IRF520N*	100	0.2000	9.50	47.00
IRF510*	100	0.5400	5.60	43.00
IRF3415*	150	0.0420	37.00	150.00
IRF640N*	200	0.1800	18.00	125.00
IRF630NS	200	0.4000	9.00	74.00
IRF620*	200	0.8000	5.20	50.00
IRF610*	200	1.5000	3.30	36.00
IRF644*	250	0.2800	14.00	125.00
IRF624*	250	1.1000	4.40	50.00
IRF614*	250	2.0000	2.70	36.00
IRF740*	400	0.5500	10.00	125.00
IRF730*	400	1.0000	5.50	74.00
IRF720*	400	1.8000	3.30	50.00
IRF710*	400	3.6000	2.00	36.00
IRF744*	450	0.6300	8.00	125.00
IRF840*	500	0.8500	8.00	125.00
IRF830*	500	1.5000	4.50	74.00
IRF820*	500	3.0000	2.50	50.00
IRF89N60A†	600	0.7500	9.20	170.00
IRF8C40*	600	1.2000	6.20	125.00
IRF8C30*	600	2.2000	3.60	74.00
IRF8E30*	800	3.0000	4.10	125.00
IRF8F30*	900	3.7000	3.60	125.00
IRF8F20*	900	8.0000	1.70	54.00
IRF8G30*	1000	5.0000	3.10	125.00
IRF8G20*	1000	11.0000	1.40	54.00

Logic Level N-Channel

Mfr.'s Type	V(BR) <sub>oss</sub> (V)	R <sub>DS(on)</sub> (Ω)	I <sub>o</sub> @ 25°C (A)	P <sub>o</sub> (W)
IRL3102*	20	0.0130	61.00	89.00
IRL3202*	20	0.0160	48.00	69.00
IRL3302*	20	0.0200	39.00	57.00
IRL3803*	30	0.0060	120.00	150.00
IRL2203N*	30	0.0070	100.00	130.00
IRL3103*	30	0.0140	56.00	83.00
IRL3303*	30	0.0260	34.00	56.00
IRL3705N*	55	0.0100	77.00	130.00
IRLZ44N*	55	0.0220	41.00	83.00
IRLZ34N*	55	0.0350	27.00	68.00
IRLZ24N*	55	0.0600	18.00	45.00
IRLZ14*	60	0.2000	10.00	43.00
IRL2910*	100	0.0260	48.00	150.00
IRL540*	100	0.0770	28.00	150.00
IRL530N*	100	0.1000	15.00	63.00
IRL520*	100	0.2700	9.20	60.00
IRL510*	100	0.5400	5.60	43.00
IRL640*	200	0.1800	17.00	125.00
IRL630*	200	0.4000	9.00	74.00

P-Channel

Mfr.'s Type	V(BR) <sub>oss</sub> (V)	R <sub>DS(on)</sub> (Ω)	I <sub>o</sub> @ 25°C (A)	P <sub>o</sub> (W)
IRF4905*	-55	0.0200	-64.00	150.00
IRF9Z34N*	-60	0.1400	-18.00	88.00
IRF9Z14*	-60	0.5000	-6.70	43.00
IRF5210*	-100	0.0600	-35.00	150.00
IRF540N*	-100	0.2000	-19.00	150.00
IRF530N*	-100	0.3000	-12.00	88.00
IRF520*	-100	0.6000	-6.80	60.00
IRF510*	-100	1.2000	-4.00	43.00
IRF6215*	-150	0.2900	-11.00	83.00
IRF640*	-200	0.5000	-11.00	125.00
IRF630*	-200	0.8000	-6.50	74.00
IRF620*	-200	1.5000	-2.50	40.00
IRF9610*	-200	3.0000	-1.80	20.00

Low Charge N-Channel

Mfr.'s Type	V(BR) <sub>oss</sub> (V)	R <sub>DS(on)</sub> (Ω)	I <sub>o</sub> @ 25°C (A)	P <sub>o</sub> (W)
IRF740A*	400	0.6000	10.00	125.00
IRF730A*	400	1.0000	5.50	74.00
IRF840A*	500	0.8500	8.00	125.00
IRF830A*	500	1.4000	4.50	74.00
IRF8C40A*	600	1.2000	6.20	125.00
IRF8C30A*	600	2.2000	3.60	74.00

HEXFET™ Power MOSFETs — Fully Isolated TO-220 Fullpack  
N-Channel

Mfr.'s Type	V(BR) <sub>oss</sub> (V)	R <sub>DS(on)</sub> (Ω)	I <sub>o</sub> @ 25°C (A)	P <sub>o</sub> (W)
IRF1101N	55	0.0120	44.00	47.00
IRF1Z48N	55	0.0160	36.00	42.00
IRF1Z46N	55	0.0200	31.00	40.00
IRF1Z44N	55	0.0240	28.00	38.00
IRF1Z34N	55	0.0400	19.00	31.00

HEXFET™ Power MOSFETs — Fully Isolated TO-220 Fullpack (cont.)  
N-Channel (continued)

Mfr.'s Type	V(BR) <sub>oss</sub> (V)	R <sub>DS(on)</sub> (Ω)	I <sub>o</sub> @ 25°C (A)	P <sub>o</sub> (W)
IRF1Z24N	55	0.0700	13.00	26.00
IRF11310N	100	0.0360	22.00	45.00
IRF1540N	100	0.0520	18.00	42.00
IRF1530N	100	0.1100	11.00	33.00
IRF1520N	100	0.2000	7.20	27.00
IRF1640G	200	0.1800	9.80	40.00
IRF1630G	200	0.4000	5.90	32.00
IRF1614G	250	2.0000	2.10	23.00
IRF1740G	400	0.5500	5.40	40.00
IRF1720G	400	1.8000	2.60	30.00
IRF1840G	500	0.8500	4.60	40.00
IRF1820G	500	3.0000	2.10	30.00
IRF18C20G	600	4.4000	1.70	30.00
IRF18E30G	800	3.0000	2.10	35.00
IRF18E20G	800	6.5000	1.40	30.00

Logic Level N-Channel

Mfr.'s Type	V(BR) <sub>oss</sub> (V)	R <sub>DS(on)</sub> (Ω)	I <sub>o</sub> @ 25°C (A)	P <sub>o</sub> (W)
IRL12505	55	0.0080	58.00	63.00
IRL1Z44N	55	0.0220	28.00	38.00
IRL1Z34N	55	0.0350	20.00	31.00
IRL1520G	100	0.2700	7.20	37.00
IRL1640G	200	0.1800	9.80	40.00
IRL1630G	200	0.4000	5.90	32.00
IRL1620G	200	0.8000	4.10	30.00

P-Channel

Mfr.'s Type	V(BR) <sub>oss</sub> (V)	R <sub>DS(on)</sub> (Ω)	I <sub>o</sub> @ 25°C (A)	P <sub>o</sub> (W)
IRF19Z34G	-60	0.1000	19.00	68.00
IRF19540G	-100	0.1170	-23.00	3.80
IRF19630G	-200	0.8000	-4.30	40.00
IRF19620G	-200	1.5000	-3.00	30.00

Logic Level P-Channel

Mfr.'s Type	V(BR) <sub>oss</sub> (V)	R <sub>DS(on)</sub> (Ω)	I <sub>o</sub> @ 25°C (A)	P <sub>o</sub> (W)
IRF19Z24G	-60	0.2850	-8.50	37.00
IRF19Z14G	-60	0.5000	-5.30	27.00
IRF19530G	-100	0.0300	-7.70	38.00

HEXFET™ Power MOSFETs — TO-247  
N-Channel

Mfr.'s Type	V(BR) <sub>oss</sub> (V)	R <sub>DS(on)</sub> (Ω)	I <sub>o</sub> @ 25°C (A)	P <sub>o</sub> (W)
IRFP260N	200	0.0400	49.00	300.00
IRFP250N	200	0.0750	30.00	214.00
IRFP460A	500	0.2700	20.00	280.00
IRFP450A	500	0.4000	14.00	190.00
IRFP50A	600	0.5800	11.00	180.00

P-Channel

Mfr.'s Type	V(BR) <sub>oss</sub> (V)	R <sub>DS(on)</sub> (Ω)	I <sub>o</sub> @ 25°C (A)	P <sub>o</sub> (W)
IRFP9140N	-100	0.1170	-21.00	120.00

HEXFET™ Power MOSFETs — TO-247AC  
N-Channel

Mfr.'s Type	V(BR) <sub>oss</sub> (V)	R <sub>DS(on)</sub> (Ω)	I <sub>o</sub> @ 25°C (A)	P <sub>o</sub> (W)
IRFP064N	55	0.0080	98.00	150.00
IRFP054N	55	0.0120	72.00	130.00
IRFP048N	55	0.0160	62.00	130.00
IRFP044N	55	0.0200	49.00	100.00
IRFP3710	100	0.0280	51.00	180.00
IRFP140N	100	0.0520	27.00	94.00
IRFP150N	100	0.0550	41.00	230.00
IRFP260N	200	0.0550	46.00	280.00
IRFP250N	200	0.0850	30.00	190.00
IRFP240	200	0.1800	20.00	150.00
IRFP264	250	0.0750	38.00	280.00
IRFP254	250	0.1400	23.00	190.00
IRFP350	400	0.3000	16.00	190.00
IRFP22N50A	500	0.2300	22.00	277.00
IRFP460	500	0.2700	20.00	280.00
IRFP450	500	0.4000	14.00	190.00
IRFP448	500	0.6000	11.00	180.00
IRFP440	500	0.8500	8.80	150.00
IRFP60	600	0.4000	16.00	280.00
IRFP50	600	0.6000	11.00	180.00
IRFP30	600	2.2000	4.30	100.00
IRFP50	800	1.2000	7.80	190.00
IRFP40	800	2.0000	5.40	150.00
IRFP50	900	1.6000	6.70	190.00
IRFP40	900	2.5000	4.70	150.00
IRFP50	1000	2.0000	6.10	190.00
IRFP640	1000	3.5000	4.30	150.00

P-Channel

Mfr.'s Type	V(BR) <sub>oss</sub> (V)	R <sub>DS(on)</sub> (Ω)	I <sub>o</sub> @ 25°C (A)	P <sub>o</sub> (W)
IRFP9140	-100	0.2000	-21.00	180.00
IRFP9240	-200	0.5000	-12.00	150.00

HEXFET™ Power MOSFETs — HEXDIP  
N-Channel

Mfr.'s Type	V(BR) <sub>oss</sub> (V)	R <sub>DS(on)</sub> (Ω)	I <sub>o</sub> @ 25°C (A)	P <sub>o</sub> (W)
IRFD024	60	0.1000	2.50	1.30
IRFD014	60	0.2000	1.70	1.30
IRFD120	100	0.2700	1.30	1.30
IRFD110	100	0.5400	1.00	1.30
IRFD220	200	0.8000	0.80	1.30
IRFD210N	200	1.5000	0.60	1.30
IRFD214	250	2.0000	0.57	1.30
IRFD310	400	3.6000	0.42	1.30
IRFD420	500	3.0000	0.46	1.30
IRFDC20	600	4.4000	0.32	1.30

Logic Level N-Channel

Mfr.'s Type	V(BR) <sub>oss</sub> (V)	R <sub>DS(on)</sub> (Ω)	I <sub>o</sub> @ 25°C (A)	P <sub>o</sub> (W)
IRLD024	60	0.1000	2.50	1.30
IRLD014	60	0.2000	1.70	1.30
IRLD120	100	0.2700	1.30	1.30
IRLD110	100	0.5400	1.00	1.30

P-Channel

Mfr.'s Type	V(BR) <sub>oss</sub> (V)	R <sub>DS(on)</sub> (Ω)	I <sub>o</sub> @ 25°C (A)	P <sub>o</sub> (W)
IRFD9024	-60	0.2800	-1.60	1.30
IRFD9014	-60	0.5000	-1.10	1.30
IRFD9120	-100	0.6000	-1.00	1.30
IRFD9110	-100	1.2000	-0.70	1.30
IRFD9220	-200	1.5000	-0.56	1.30
IRFD9210	-200	3.0000	-0.40	1.30

HEXFET™ Power MOSFETs — D-PAK

Also available in TO-251AA thru-hole equivalent, substitute "U" for "R" in Mfr.'s Type number (example: IRFR024N becomes IRFU024N).

N-Channel

Mfr.'s Type	V(BR) <sub>oss</sub> (V)	R
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