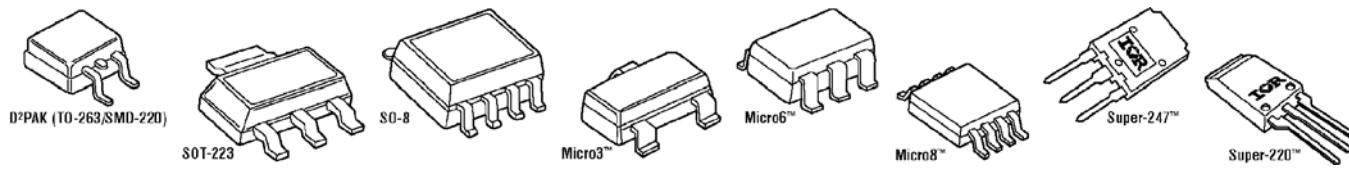


**MOSFETs (Continued)**



**HEXFET™ Power MOSFETs — DPAK (cont.)**

**— NEW —**

N-Channel (continued)

Mfr.'s Type	V(BR)oss (V)	R <sub>D(on)</sub> (Ω)	I <sub>D</sub> @ 25°C (A)	P <sub>D</sub> (W)
IRF3710S	100	0.0250	57.00	3.80
IRF1310NS	100	0.0360	42.00	3.80
IRF540NS	100	0.0520	33.00	3.80
IRF530NS	100	0.1100	17.00	3.80
IRF3415S	150	0.0420	43.00	3.80
IRF3515S	150	0.0450	41.00	200.00
IRF3315S	150	0.0820	21.00	94.00
IRF331N20D	200	0.0820	31.00	200.00
IRF640NS	200	0.1500	18.00	150.00
IRF630NS	200	0.3000	9.50	82.00
IRF644S	250	0.2800	14.00	125.00
IRF740S	400	0.5500	10.00	125.00
IRF710S	400	3.6000	2.00	36.00
IRF840S	500	0.8500	8.00	125.00
IRF830S	500	1.5000	4.50	74.00
IRF820S	500	3.0000	2.50	50.00
IRFB40AS	600	1.2000	6.20	125.00
IRFB40S	600	1.2000	6.20	130.00

P-Channel

IRF4905L	-55	0.0200	-74.00	200.00
IRF4905S	-55	0.0200	-74.00	3.80
IRF5305S	-55	0.0600	-31.00	110.00
IRF5224NS	-55	0.1750	-12.00	45.00
IRF9540NS	-100	0.1170	-23.00	3.80
IRF9530NS	-100	0.2000	-14.00	3.80
IRF9510S	-100	1.2000	-4.00	43.00
IRF6215S	-150	0.2900	-13.00	110.00
IRF9640S	-200	0.5000	-11.00	125.00
IRF9630S	-200	0.8000	-6.50	74.00

Logic Level N-Channel

IRL3502S	20	0.0070	110.00	140.00
IRL3102S	20	0.0130	61.00	89.00
IRL3803S	30	0.0060	140.00	200.00
IRL2203NS	30	0.0070	116.00	170.00
IRL3303S	30	0.0260	38.00	68.00
IRL104S	40	0.0655	110.00	150.00
IRL256S	55	0.0080	104.00	200.00
IRL3705NS	55	0.0100	89.00	170.00
IRL244NS	55	0.0220	47.00	110.00
IRL234NS	55	0.0350	30.00	68.00
IRL224NS	55	0.0600	18.00	45.00
IRL214S	60	0.0200	10.00	
IRL2910S	100	0.0280	55.00	3.80
IRL540NS	100	0.0440	36.00	3.80
IRL530NS	100	0.1000	17.00	3.80
IRL520NS	100	0.1800	10.00	3.80
IRL640S	200	0.1800	17.00	125.00
IRL630S	200	0.4000	9.00	74.00

\*Also Available in DPAK (TO-263/SMD-220). Add suffix S to the Mfr.'s Type Number. †Also available in DPAK IRFS1N50A and IRFS9N60A. ‡Indicates "low VGS(th)" which can operate at VGS = 2.7 V.

**Rectifiers**



**Silicon Standard Recovery Rectifiers — General Purpose Alloy Type**

Mfr.'s Type*	V <sub>RRM</sub> (V)	I <sub>FSM</sub> (A)	I <sub>F(AV)</sub> A @ Max. T <sub>c</sub> (°C)	Package
1N3111	50	3000	150 @ 150	D0-30
150K5A†	50	3140	150 @ 150	D0-8
1N2054+	50	4500	250 @ 135	D0-9
300U5A†	50	5750	300 @ 130	D0-9
1N3288A‡	100	2300	100 @ 130	D0-8
1N305	100	3000	150 @ 150	D0-30
150K10A†	100	3140	150 @ 150	D0-8
150L10A†	100	3140	150 @ 150	D0-30
1N4045	100	5000	275 @ 120	D0-9
1N4046	150	5000	275 @ 120	D0-9
1N3289A†	200	2300	100 @ 130	D0-8

Mfr.'s Type*	V <sub>RRM</sub> (V)	I <sub>FSM</sub> (A)	I <sub>F(AV)</sub> A @ Max. T <sub>c</sub> (°C)	Package
150K20A†	200	3140	150 @ 150	D0-8
150L20A†	200	3140	150 @ 150	D0-30
1N4048	250	5000	275 @ 120	D0-9
1N3087	300	3000	150 @ 150	D0-30
150L101	300	3140	150 @ 150	D0-8
IRF7311	20†	0.0290	6.60	2.00
IRF7301	20†	0.0500	4.30	2.00
IRF7101	20	0.1000	3.50	2.00
IRF7313	30	0.0290	7.00	2.00
IRF7303	30	0.0500	4.00	2.00
IRF703	50	0.1300	3.00	2.00
IRF7341	55	0.0500	4.70	2.00

Mfr.'s Type*	V <sub>RRM</sub> (V)	I <sub>FSM</sub> (A)	I <sub>F(AV)</sub> A @ Max. T <sub>c</sub> (°C)	Package
1N4050	400	5000	275 @ 120	D0-9
1N4051	500	5000	275 @ 120	D0-9
1N293A‡	600	2300	100 @ 130	D0-8
1N4052	600	5000	275 @ 120	D0-9
300U60A†	600	5750	300 @ 130	D0-9
150K90A†	800	3140	150 @ 150	D0-8
300U80A†	800	5750	300 @ 130	D0-9
1N295A‡	1000	2300	100 @ 130	D0-8
1N4056	1000	5000	275 @ 120	D0-9
300U100A†	1000	5750	300 @ 130	D0-9

\*Cathode-to-stud; for anode-to-stud, add "R" to basic number (example: 1N3289AR, 1N3111R, 150LR5A). †Also available in stud-topped case and flag terminal. ‡1N3288 series also available. \*1N3735 series also available.