

International Rectifier **N and P Channel HEXFETs** (Cont.)

Fig.	VDS (V)	ID Cont. (A) 25°C	RDS (on) Max. (Ω)	IDM (A)	PD Max. (W)	Digi-Key Part No.	Price Each		
							1	10	100
5	40	42	0.0055	480	140	IRFU4104PBF-ND◆	2.67	2.42	1.94
	40	42	0.0049	500	140	IRLU3114ZPBF-ND◆	1.93	1.75	1.41
	55	27	0.045	100	68	IRFU4105PBF-ND◆	1.16	1.03	.81
	55	30	0.025	120	48	IRFU4105ZPBF-ND◆	1.45	1.28	1.02
	55	42	0.0135	240	110	IRLU2905ZPBF-ND◆	1.82	1.61	1.28
	55	56	0.016	220	110	IRFU2405PBF-ND◆	1.55	1.37	1.09
	60	43	0.0126	170	71	IRFU3806PBF-ND◆	1.22	1.08	.86
	60	56	0.0071	315	110	IRFU1018PBF-ND◆	1.62	1.43	1.13
	75	42	0.026	170	110	IRFU2407PBF-ND◆	1.57	1.40	1.10
	75	42	0.022	180	110	IRFU2607ZPBF-ND◆	1.94	1.72	1.36
	75	42	0.016	210	110	IRFU2307ZPBF-ND◆	1.82	1.64	1.32
	75	56	0.00734	310	140	IRFU3607PBF-ND◆	1.63	1.45	1.15
	80	38	0.029	150	110	IRFU3518PBF-ND◆	1.40	1.25	.99
	100	8.7	0.190	35	35	IRFU120ZPBF-ND◆	1.10	.98	.77
	100	9.4	0.2	38	48	IRFU120N-ND◆	2.14	1.40	1.07
	100	9.4	0.2	38	48	IRFU120NPBF-ND◆	1.03	.91	.70
	100	16	0.115	60	79	IRFU3910PBF-ND◆	1.07	.94	.75
	100	31	0.039	125	110	IRFU3410PBF-ND◆	2.15	1.95	1.57
	100	32	0.044	110	130	IRFU3411PBF-ND◆	1.44	1.28	1.01
	100	42	0.018	220	140	IRFU3710ZPBF-ND◆	2.76	2.50	2.01
150	33	0.042	140	144	IRFU4615PBF-ND◆	1.93	1.72	1.36	
200	5	0.6	20	43	IRFU220NPBF-ND◆	.95	.84	.65	
200	9.4	0.38	38	86	IRF9N20DPBF-ND◆	1.21	1.08	.85	

Fig.	VDS (V)	ID Cont. (A) 25°C	RDS (on) Max. (Ω)	IDM (A)	PD Max. (W)	Digi-Key Part No.	Price Each		
							1	10	100
5	200	13	0.235	52	110	IRFU13N20DPBF-ND◆	1.66	1.47	1.17
	200	24	0.078	100	144	IRFU4620PBF-ND◆	1.93	1.72	1.36
I-Pak Logic level — RoHS Compliant									
5	20	37	0.015	144	35	IRLU3714ZPBF-ND	1.26	1.12	.89
	20	120	0.004	460	89	IRLU3717PBF-ND	1.92	1.73	1.39
	30	23	0.045	96	45	IRLU2703PBF-ND	1.51	1.35	1.07
	30	35	0.031	140	68	IRLU3303PBF-ND	1.16	1.02	.81
	30	43	0.0138	170	40	IRLU7807ZPBF-ND	1.30	1.16	.92
	30	94	0.0066	380	89	IRLU8113PBF-ND	1.40	1.24	.98
	30	110	0.0068	120	140	IRLU8203PBF-ND	1.65	1.47	1.16
	55	17	0.065	72	45	IRLU024NPBF-ND	.92	.81	.62
	55	28	0.04	110	68	IRLU2705PBF-ND	1.37	1.22	.96
	60	50	0.0068	396	143	IRLU3363PBF-ND NEW!	1.94	1.72	1.36
	80	30	0.028	150	120	IRLU2908PBF-ND	1.48	1.32	1.04
	100	10	0.185	35	48	IRLU120NPBF-ND	1.02	.90	.70
	100	17	0.105	60	79	IRLU3410PBF-ND	1.01	.90	.71
	Super-220 — RoHS Compliant								
6	55	174	0.005	680	330	IRFBA1405PPBF-ND	5.96	5.33	4.37
	200	98	0.023	390	650	IRFBA90N20DPBF-ND	10.07	9.06	7.45
Super-247 — RoHS Compliant									
7	100	170	0.009	670	580	IRFPS3810PBF-ND	11.01	9.91	8.15

C

N and P Channel Surface Mount HEXFETs



Multiple pin out configurations available see Digi-Key web site for data sheets.

Fig.	VDS (V)	ID Cont. (A) 25°C	RDS (on) Max. (Ω)	IDM (A)	PD Max. (W)	Digi-Key Part No.	Price Each		
							1	10	100
P-CHANNEL TYPES									
D2Pak									
1	-55	-19	0.10	-68	3.8	IRF9234NSTR-LPBFCT-ND‡	982.07/800		
	-55	-19	0.10	-68	3.8	IRF9234NSTR-LPBFCT-ND◆	2.03	1.82	1.45
	-55	-19	0.10	-68	3.8	IRF9234NSTR-LPBFR-ND‡	711.00/800		
	-55	-31	0.06	-110	3.8	IRF5305STR-LPBFCT-ND◆	2.24	1.93	1.57
	-55	-31	0.06	-110	3.8	IRF5305STR-LPBFR-ND‡	807.06/800		
	-150	-27	0.150	-110	250	IRF6218STR-LPBFCT-ND◆	3.24	2.78	2.27
-150	-27	0.150	-110	250	IRF6218STR-LPBFR-ND‡	1166.15/800			
DPak (TO-252AA) — RoHS Compliant									
2	-55	-11	0.175	-44	38	IRFR9024NPBFCT-ND‡	1.10	.95	.76
	-55	-11	0.175	-44	38	IRFR9024NPBFR-ND‡	724.92/2,000		
	-55	-18	0.11	-64	57	IRFR505GTRPBFCT-ND‡ NEW!	1.14	.99	.79
	-55	-18	0.11	-64	57	IRFR505GTRPBFR-ND‡ NEW!	754.09/2,000		
	-55	-18	0.11	-64	57	IRFR505PBFCT-ND‡	1.09	.95	.75
	-55	-18	0.11	-64	57	IRFR505PBFR-ND‡	718.18/2,000		
	-55	-31	0.065	-110	110	IRFR5305PBFCT-ND‡	1.46	1.31	1.04
	-55	-31	0.065	-110	110	IRFR5305PBFR-ND‡	1070.54/2,000		
	-100	-6.6	0.48	-26	40	IRFR9120NPBFCT-ND‡	1.16	1.00	.79
	-100	-6.6	0.48	-26	40	IRFR9120NPBFR-ND‡	758.58/2,000		
3	-100	-13	0.205	-52	66	IRFR5410PBFCT-ND‡	1.44	1.29	1.03
	-100	-13	0.205	-52	66	IRFR5410PBFR-ND‡	1059.32/2,000		
	Micro-3™ (SOT-23) Logic Level — RoHS Compliant								
3	-12	-4.3	0.05	-34	1.3	IRLML6401PBFCT-ND‡	.62	.49	.34
	-12	-4.3	0.05	-34	1.3	IRLML6401PBFR-ND‡	420.81/3,000		
	-20	-0.78	0.6	-4.9	0.54	IRLML6302PBFCT-ND‡	.71	.50	.34

Fig.	VDS (V)	ID Cont. (A) 25°C	RDS (on) Max. (Ω)	IDM (A)	PD Max. (W)	Digi-Key Part No.	Price Each		
							1	10	100
3	-20	-0.78	0.6	-4.9	0.54	IRLML6302PBFCT-ND‡	356.85/3,000		
	-20	-3.7	0.065	-22	1.3	IRLML6402PBFCT-ND‡	.68	.54	.37
	-20	-3.7	0.065	-22	1.3	IRLML6402PBFR-ND‡	467.94/3,000		
	-30	-0.76	0.6	-4.8	0.54	IRLML5103PBFCT-ND‡	.71	.50	.34
	-30	-0.76	0.6	-4.8	0.54	IRLML5103PBFR-ND‡	356.85/3,000		
Micro-6™ (TSOP-6) Logic Level — RoHS Compliant									
4	-20	-2.4	0.2	-13	1.7	IRLMS6702PBFCT-ND‡	.66	.53	.40
	-20	-2.4	0.2	-13	1.7	IRLMS6702PBFR-ND‡	558.84/3,000		
	-20	-5.6	0.05	-45	2	IRLMS6802PBFCT-ND‡	.76	.61	.46
	-20	-5.6	0.05	-45	2	IRLMS6802PBFR-ND‡	643.00/3,000		
	-30	-2.4	0.2	-13	1.7	IRLMS7503PBFCT-ND‡	.65	.53	.40
-30	-2.4	0.2	-13	1.7	IRLMS7503PBFR-ND‡	552.10/3,000			
Micro-8™ (SOIC-8) — RoHS Compliant									
5	-30	-7.0	0.040	-28	1.79	IRF7726TRPBFCT-ND‡	.93	.81	.64
	-30	-7.0	0.040	-28	1.79	IRF7726TRPBFR-ND‡	1229.89/4,000		
Micro-8™ Logic Level									
5	-20	-8.2	0.040	-66	1.8	IRF7663TRPBFCT-ND◆	.95	.83	.66
	-20	-8.2	0.040	-66	1.8	IRF7663TRPBFR-ND◆	1261.31/4,000		
	-30	-3.6	0.15	-29	1.8	IRF7606CT-ND‡	1.40	1.26	1.00
	-30	-3.6	0.15	-29	1.8	IRF7606TR-ND‡	2071.06/4,000		
	-30	-3.6	0.15	-29	1.8	IRF7606TRPBFCT-ND◆	.88	.70	.53
	-30	-3.6	0.15	-29	1.8	IRF7606TRPBFR-ND◆	983.01/4,000		

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