



Fig.	VDS (V)	ID Cont. (A) 25°C	RDS(on) Max. (Ω)	IDM (A)	PD Max. (W)	Digi-Key Part No.	Price Each 10 100
3	60	2.7	0.092	11	1.25	IRLML0060TRPBFCT-ND†	.49 .39 .27
	60	2.7	0.092	11	1.25	IRLML0060TRPBFTR-ND‡	333.93/3,000
	60	1.2	0.480	4.8	1.25	IRLML2060TRPBFCT-ND†	.45 .32 .22
	60	1.2	0.480	4.8	1.25	IRLML2060TRPBFTR-ND‡	228.23/3,000
	100	1.6	0.220	7.0	1.3	IRLML0100TRPBFCT-ND†	.47 .38 .29
100	1.6	0.220	7.0	1.3	IRLML0100TRPBFTR-ND‡	398.80/3,000	
<b>Micro-6™ (TSOP-6) Logic Level — RoHS Compliant</b>							
4	20	3.2	0.1	18	1.7	IRLMS1902PBFCCT-ND†	.44 .36 .27
	20	3.2	0.1	18	1.7	IRLMS1902PBFTTR-ND‡	372.37/3,000
	20	6.5	0.03	20	2.0	IRLMS2002PBFCCT-ND†	.63 .51 .38
	20	6.5	0.03	20	2.0	IRLMS2002PBFTTR-ND‡	533.33/3,000
	30	3.2	0.1	18	1.7	IRLMS1503PBFCCT-ND†	.44 .36 .27
30	3.2	0.1	18	1.7	IRLMS1503PBFTTR-ND‡	372.37/3,000	
<b>Micro-8™ Logic Level</b>							
5	30	5.6	0.060	30	1.8	IRF7603CT-ND†	.86 .77 .62
	30	5.6	0.060	30	1.8	IRF7603TR-ND‡	1669.12/4,000
	30	5.6	0.060	30	1.8	IRF7603TRPBFCT-ND†	.58 .50 .40
	30	5.6	0.060	30	1.8	IRF7603TRPBFTR-ND‡	755.96/4,000
<b>Micro-8™ Dual Logic Level</b>							
5	20	2.4	0.135	19	1.25	IRF7501CT-ND†	1.91 1.64 1.34
	20	2.4	0.135	19	1.25	IRF7501TRPBFCT-ND†	.61 .53 .42
	20	2.4	0.135	19	1.25	IRF7501TRPBFTR-ND‡	797.60/4,000
	20	5.4	0.045	40	1.3	IRF7530TRPBFCT-ND†	.70 .61 .48
	20	5.4	0.045	40	1.3	IRF7530TRPBFTR-ND‡	925.72/4,000
30	2.4	0.222	14	1.25	IRF7503TRPBFCT-ND†	.61 .53 .42	
30	2.4	0.222	14	1.25	IRF7503TRPBFTR-ND‡	797.60/4,000	
<b>SO-8 / SOIC-8</b>							
20	6.8	0.035	54	2.5	IRF7402PBFCCT-ND†	.87 .76 .60	
	6.8	0.035	54	2.5	IRF7402PBFTTR-ND‡	1153.15/4,000	
	7.0	0.03	28	2.0	IRF7331PBFCCT-ND†	.78 .70 .55	
	7.0	0.03	28	2.0	IRF7331PBFTTR-ND‡	1140.34/4,000	
	10	0.0134	82	2.0	IRF8910PBFCCT-ND†	.87 .78 .62	
	10	0.0134	82	2.0	IRF8910PBFTTR-ND‡	1281.28/4,000	
	10	0.0134	83	2.0	IRF9910PBFCCT-ND†	1.10 .98 .78	
	10	0.0134	83	2.0	IRF9910PBFTTR-ND‡	1614.41/4,000	
	20	0.0044	160	2.5	IRF3717-ND	2.56 1.67 1.28	
	20	0.0044	160	2.5	IRF3717PBFCCT-ND†	1.07 .96 .76	
20	0.0044	160	2.5	IRF3717PBFTTR-ND‡	1572.77/4,000		
	25	0.0027	200	2.5	IRF8252TRPBFCT-ND†	1.43 1.29 1.03	
	25	0.0027	200	2.5	IRF8252TRPBFTR-ND‡	2117.32/4,000	
	30	7.6	0.0145	61	1.4	IRF7904PBF-ND	.87 .78 .62
	30	7.8	0.0234	62	2.0	IRF7905PBF-ND	.78 .69 .55
	30	8.3	0.017	66	2.5	IRF7807V-ND	1.64 1.07 .82
	30	8.3	0.017	66	2.5	IRF7807VPBFCT-ND†	.87 .76 .60
	30	8.3	0.017	66	2.5	IRF7807VPBFTR-ND‡	1153.15/4,000
	30	9.1	0.0171	76	2.0	IRF7907PBF-ND	.92 .82 .65
	30	10.8	0.011	100	2.5	IRF7811AV-ND	1.95 1.27 .98
30	10.8	0.011	100	2.5	IRF7811AVPBFCCT-ND†	.90 .81 .64	
	10.8	0.011	100	2.5	IRF7811AVPBFTTR-ND‡	1322.92/4,000	
	30	11	0.0119	88	2.5	IRF8707TRPBFCT-ND†	.64 .52 .39
	30	11	0.0119	88	2.5	IRF8707TRPBFTR-ND‡	723.92/4,000
	30	11	0.014	88	2.5	IRF7807ZPBFCCT-ND†	.72 .63 .50
	30	11	0.014	88	2.5	IRF7807ZPBFTTR-ND‡	948.15/4,000
	30	11	0.0119	88	2.5	IRF8707GTRPBFCT-ND†	.54 .47 .37
	30	11	0.0119	88	2.5	IRF8707GTRPBFTR-ND‡	711.11/4,000
	30	13	0.01	100	2.5	IRF7413ZPBFCCT-ND†	.80 .72 .58
	30	13	0.01	100	2.5	IRF7413ZPBFTTR-ND‡	1185.18/4,000
30	13	0.011	100	2.5	IRF7805PBFCCT-ND†	1.22 1.10 .87	
	13	0.011	100	2.5	IRF7805TR-ND‡	3745.24/4,000	
	13	0.011	100	2.5	IRF7805PBFTTR-ND‡	1797.00/4,000	
	13	0.011	100	2.5	IRF7805APBFCCT-ND†	1.08 .97 .77	
	13	0.011	100	2.5	IRF7805QTRPBFCT-ND†	1.65 1.02 .75	
	13	0.011	100	2.5	IRF7805QTRPBFTR-ND‡	2147.79/4,000	
	13.6	0.0091	100	2.5	IRF7821-ND	1.87 1.22 .94	
	13.6	0.0091	100	2.5	IRF7821PBFCCT-ND†	.91 .82 .66	
	13.6	0.0091	100	2.5	IRF7821PBFTTR-ND‡	1348.55/4,000	
	14	0.008	110	2.5	IRF7458-ND	2.27 1.48 1.13	
30	14	0.008	110	2.5	IRF7458PBFCCT-ND†	1.23 1.10 .88	
	14	0.008	110	2.5	IRF7458PBFTTR-ND‡	1806.60/4,000	
	14	0.008	110	2.5	IRF7477PBFCCT-ND†	1.45 .90 .66	
	14	0.0085	110	2.5	IRF8721TRPBFCT-ND†	.58 .51 .41	
	14	0.0085	110	2.5	IRF8721TRPBFTR-ND‡	775.17/4,000	
	14	0.0085	110	2.5	IRF8721GTRPBFCT-ND†	.62 .54 .43	
	14	0.0085	110	2.5	IRF8721GTRPBFTR-ND‡	813.61/4,000	
	14	0.0087	110	2.5	IRF8714TRPBFCT-ND†	.56 .49 .39	
	14	0.0087	110	2.5	IRF8714TRPBFTR-ND‡	743.14/4,000	
	14	0.0087	110	2.5	IRF8714GTRPBFCT-ND†	.59 .52 .41	
30	14	0.0087	110	2.5	IRF8714GTRPBFTR-ND‡	781.58/4,000	
	16	0.0068	120	2.5	IRF7805ZGTRPBFCT-ND†	1.39 1.19 .97	
	16	0.007	120	2.5	IRF7805ZPBFCCT-ND†	.78 .71 .56	
	16	0.007	120	2.5	IRF7805ZPBFTTR-ND‡	1162.76/4,000	

Fig.	VDS (V)	ID Cont. (A) 25°C	RDS(on) Max. (Ω)	IDM (A)	PD Max. (W)	Digi-Key Part No.	Price Each 10 100
3	30	18	0.0048	144	2.5	IRF8736TRPBFCT-ND†	.80 .70 .55
	30	18	0.0048	144	2.5	IRF8736TRPBFTR-ND‡	1053.85/4,000
	30	20	0.004	160	2.5	IRF7832CT-ND†	2.59 2.34 1.91
	30	20	0.004	160	2.5	IRF7832PBFCCT-ND†	1.42 1.28 1.01
	30	20	0.004	160	2.5	IRF7832PBFTTR-ND‡	2094.89/4,000
	30	21	0.0037	170	2.5	IRF7862TRPBFCT-ND†	1.11 1.00 .79
	30	21	0.0037	170	2.5	IRF7862TRPBFTR-ND‡	1636.84/4,000
	30	21	0.0035	168	2.5	IRF8734TRPBFCT-ND†	.83 .75 .60
	30	21	0.0035	168	2.5	IRF8734TRPBFTR-ND‡	1223.62/4,000
	30	24	0.0028	190	2.5	IRF8788TRPBFCT-ND†	1.43 1.29 1.03
	30	24	0.0028	190	2.5	IRF8788TRPBFTR-ND‡	2117.32/4,000
	40	9.0	0.017	73	2.5	IRF7469PBFCCT-ND†	.90 .81 .64
	40	9.0	0.017	73	2.5	IRF7469PBFTTR-ND‡	1322.92/4,000
	40	10	0.013	85	1.6	IRF7470PBFCCT-ND†	1.14 1.02 .81
	40	10	0.013	85	1.6	IRF7470PBFTTR-ND‡	1678.48/4,000
	40	18	0.005	140	2.5	IRF7842PBFCCT-ND†	1.50 1.34 1.07
	40	18	0.005	140	2.5	IRF7842PBFTTR-ND‡	2207.00/4,000
	60	7.0	0.026	56	2.5	IRF7478PBFCCT-ND†	.89 .80 .64
	60	7.0	0.026	56	2.5	IRF7478PBFTTR-ND‡	1313.31/4,000
	100	4.5	0.06	36	2.5	IRF7452PBFCCT-ND†	1.23 1.10 .88
100	4.5	0.06	36	2.5	IRF7452PBFTTR-ND‡	1813.01/4,000	
100	4.5	0.06	36	2.5	IRF7452QTRPBFCT-ND†	1.66 1.03 .75	
100	4.5	0.06	36	2.5	IRF7452QTRPBFTR-ND‡	2161.86/4,000	
100	6.9	0.026	55	2.5	IRF7473-ND	2.69 1.75 1.34	
100	6.9	0.026	55	2.5	IRF7473PBFCCT-ND†	1.37 1.23 .98	
100	6.9	0.026	55	2.5	IRF7473PBFTTR-ND‡	2021.22/4,000	
100	7.3	0.022	58	2.5	IRF7495PBF-ND	1.40 1.24 .98	
150	1.9	0.28	15	2.5	IRF7465PBFCCT-ND†	.78 .70 .56	
150	1.9	0.28	15	2.5	IRF7465PBFTTR-ND‡	1146.75/4,000	
150	3.6	0.09	29	2.5	IRF7451PBFCCT-ND†	1.21 1.09 .86	
150	3.6	0.09	29	2.5	IRF7451PBFTTR-ND‡	1780.98/4,000	
150	5.1	0.043	41	2.5	IRF7815TRPBFCT-ND†	1.31 1.17 .93	
150	5.1	0.043	41	2.5	IRF7815TRPBFTR-ND‡	1918.72/4,000	
200	1.2	0.73	10	2.5	IRF7464-ND	1.94 1.73 1.42	
200	1.2	0.73	10	2.5	IRF7464PBFCCT-ND†	.95 .56 .38	
<b>SO-8 / SOIC-8 Dual — RoHS Compliant</b>							
6	30	9.7	0.0155	81	2.0	IRF8313TRPBFCT-ND†	.70 .61 .48
	30	9.7	0.0155	81	2.0	IRF8313TRPBFTR-ND‡	925.72/4,000
	30	11	0.0127	88	2.4	IRF8513TRPBFCT-ND†	.79 .71 .57
	30	11	0.0127	88	2.4	IRF8513TRPBFTR-ND‡	1169.17/4,000
	60	8.0	0.0178	64	2.0	IRF7351TRPBFCT-ND†	1.19 1.07 .85
	60	8.0	0.0178	64	2.0	IRF7351TRPBFTR-ND‡	1758.56/4,000
<b>SO-8 / SOIC-8 Logic Level</b>							
20	5.2	0.05	21	2.0	IRF7301PBFCCT-ND†	.88 .79 .63	
	5.2	0.05	21	2.0	IRF7301PBFTTR-ND‡	1297.30/4,000	
	20	6.6	0.029	26	2.0	IRF7311PBFCCT-ND†	.94 .84 .67
	20	6.6	0.029	26	2.0	IRF7311PBFTTR-ND‡	1380.58/4,000
	20	8.7	0.022	35	2.5	IRF7401PBFCCT-ND†	.86 .78 .62
	20	8.7	0.022	35	2.5	IRF7401PBFTTR-ND‡	1274.87/4,000
	20	15	0.007	120	2.5	IRF7457PBFCCT-ND†	1.51 .93 .69
	20	16	0.0065	130	2.5	IRF7456PBFCCT-ND†	1.25 1.12 .89
	20	16	0.0065	130	2.5	IRF7456PBFTTR-ND‡	1841.84/4,000
	30	4.9	0.05	20	2.0	IRF7303PBFCCT-ND†	.81 .73 .58
	30	4.9	0.05	20	2.0	IRF7303PBFTTR-ND‡	1191.59/4,000
	30	6.5	0.029	30	2.5	IRF7313-ND	1.90 1.24 .95
	30	6.5	0.029	30	2.5	IRF7313PBFCCT-ND†	.93 .83 .66
	30	6.5	0.029	30	2.5	IRF7313PBFTTR-ND‡	1367.77/4,000
	30	7.3	0.03	58	2.5	IRF7201PBFCCT-ND†	.70 .61 .49
	30	7.3	0.03	58	2.5	IRF7201PBFTTR-ND‡	928.93/4,000
	30	8.5	0.022	34	2.5	IRF7403-ND	1.63 1.07 .82
	30	8.5	0.022	3			