



C

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
SO-8 / SOIC-8 "Fetky"™ Mosfet and Schottky Diode — RoHS Compliant										
6	30	5.8	0.035	33	2.5	IRF7421D1PBFCT-ND†	.99	.58	.40	
	30	5.8	0.035	33	2.5	IRF7421D1PBFTR-ND‡	1073.07/4,000			
	30	6.5	0.029	52	2.0	IRF7353D1PBFCT-ND†	.92	.57	.42	
	30	6.5	0.029	52	2.0	IRF7353D2PBFCT-ND†	.91	.82	.65	
	30	6.5	0.029	52	2.0	IRF7353D2PBFTR-ND‡	1345.34/4,000			
	30	8.3	0.017	66	2.5	IRF7807VD1PBFCT-ND†	.82	.72	.57	
8	30	8.3	0.017	66	2.5	IRF7807VD1PBFTR-ND‡	1092.29/4,000			
	30	8.3	0.025	66	2.5	IRF7807D1PBFCT-ND†	.81	.70	.56	
	30	8.3	0.025	66	2.5	IRF7807D1PBFTR-ND‡	1069.87/4,000			
	30	8.3	0.025	66	2.5	IRF7807D2PBFCT-ND†	.81	.73	.58	
	30	8.3	0.025	66	2.5	IRF7807D2PBFTR-ND‡	1198.00/4,000			
	PQFN33 — RoHS Compliant									
8	30	12	0.0124	96	2.8	IRFH3707TR2PBFCT-ND†	.69	.60	.48	
	30	12	0.0124	96	2.8	IRFH3707TR2PBFTR-ND‡	147.67/400			
	30	16	0.0071	120	2.8	IRFH3702TR2PBFCT-ND†	.83	.72	.57	
	30	16	0.0071	120	2.8	IRFH3702TR2PBFTR-ND‡	177.78/400			
PQFN56 — RoHS Compliant										
8	25	45	0.00115	400	3.6	IRFH5250TR2PBFCT-ND†	1.67	1.43	1.17	
	25	45	0.00115	400	3.6	IRFH5250TR2PBFTR-ND‡	379.90/400			
	25	40	0.0014	400	3.6	IRFH5250DTR2PBFCT-ND†	1.89	1.63	1.33	
	25	40	0.0014	400	3.6	IRFH5250DTR2PBFTR-ND‡	432.43/400			
	25	15	0.006	60	3.6	IRFH5255TR2PBFCT-ND†	1.04	.94	.75	
	25	15	0.006	60	3.6	IRFH5255TR2PBFTR-ND‡	236.08/400			
	30	33	0.0087	120	3.1	IRFH7923TRPBFCT-ND†	.85	.73	.58	
	30	34	0.0085	120	3.1	IRFH7921TRPBFCT-ND†	.82	.72	.57	
	30	34	0.0085	120	3.1	IRFH7921TRPBFTR-ND‡	1092.294,000			
	30	15	0.0085	120	3.1	IRFH7921TR2PBFCT-ND†	.82	.72	.57	
	30	15	0.0085	120	3.1	IRFH7921TR2PBFTR-ND‡	176.82/400			
	30	15	0.0087	110	3.1	IRFH7914TR2PBFCT-ND†	.76	.66	.52	
	30	15	0.0087	110	3.1	IRFH7914TR2PBFTR-ND‡	162.72/400			
	30	40	0.0014	400	3.6	IRFH5300TR2PBFCT-ND†	1.67	1.43	1.17	
	30	40	0.0014	400	3.6	IRFH5300TR2PBFTR-ND‡	379.90/400			
	30	15	0.0081	60	3.6	IRFH5306TR2PBFCT-ND†	.89	.80	.64	
	30	15	0.0081	60	3.6	IRFH5306TR2PBFTR-ND‡	201.16/400			
	30	20	0.0048	160	3.1	IRFH7936TR2PBFCT-ND†	.94	.85	.68	
	30	20	0.0048	160	3.1	IRFH7936TR2PBFTR-ND‡	214.29/400			
	30	35	0.00185	400	3.6	IRFH5301TR2PBFCT-ND†	1.43	1.28	1.02	
	30	35	0.00185	400	3.6	IRFH5301TR2PBFTR-ND‡	322.24/400			
	30	32	0.0021	400	3.6	IRFH5302TR2PBFCT-ND†	1.24	1.12	.89	
	30	32	0.0021	400	3.6	IRFH5302TR2PBFTR-ND‡	281.56/400			
	30	104	0.0033	192	3.1	IRFH7932TRPBFCT-ND†	1.19	1.07	.85	
30	104	0.0033	192	3.1	IRFH7932TRPBFTR-ND‡	1752.15/4,000				
30	24	0.0033	192	3.1	IRFH7932TR2PBFCT-ND†	1.19	1.07	.85		
30	24	0.0033	192	3.1	IRFH7932TR2PBFTR-ND‡	269.39/400				
30	29	0.0025	400	3.6	IRFH5302TR2PBFCT-ND†	1.24	1.12	.89		
30	29	0.0025	400	3.6	IRFH5302TR2PBFTR-ND‡	281.56/400				
30	22	0.0045	320	3.6	IRFH5304TR2PBFCT-ND†	.95	.86	.68		
30	22	0.0045	320	3.6	IRFH5304TR2PBFTR-ND‡	215.58/400				
40	28	0.0026	400	3.6	IRFH5004TR2PBFCT-ND†	1.97	1.70	1.39		
40	28	0.0026	400	3.6	IRFH5004TR2PBFTR-ND‡	451.01/400				
100	46	0.018	75	3.1	IRFH5053TRPBFCT-ND†	1.47	1.27	1.04		
100	46	0.018	75	3.1	IRFH5053TRPBFTR-ND‡	2271.07/4,000				
100	9.3	0.018	75	3.1	IRFH5053TR2PBFCT-ND†	1.47	1.27	1.04		
100	9.3	0.018	75	3.1	IRFH5053TR2PBFTR-ND‡	336.34/400				
100	13	0.0099	400	3.6	IRLH5030TR2PBFCT-ND†	1.97	1.70	1.39		
100	13	0.0099	400	3.6	IRLH5030TR2PBFTR-ND‡	451.01/400				
150	10	0.031	220	3.6	IRFH5015TR2PBFCT-ND†	2.17	1.86	1.52		
150	10	0.031	220	3.6	IRFH5015TR2PBFTR-ND‡	495.21/400				
200	5.1	0.055	63	3.6	IRFH5020TR2PBFCT-ND†	2.17	1.86	1.52		
200	5.1	0.055	63	3.6	IRFH5020TR2PBFTR-ND‡	495.21/400				
D2Pak-7 — RoHS Compliant										
9	24	429	0.001	1640	300	IRF1324S-7PPBF-ND	4.40	3.94	3.23	
	24	429	0.001	1640	300	IRF1324STRL-7PPCT-ND†	4.72	4.25	3.47	
	24	429	0.001	1640	300	IRF1324STRL-7PPTR-ND‡	1887.33/800			
	40	240	0.00125	1610	380	IRFS3004TRL7PPCT-ND†	3.86	3.48	2.83	
	40	240	0.00125	1610	380	IRFS3004TRL7PPTR-ND‡	1543.30/800			
	60	293	0.0021	1172	375	IRFS3006-7PPBF-ND	4.34	3.88	3.18	
	60	240	0.0021	1172	375	IRFS3006TRL7PPCT-ND†	4.65	4.19	3.41	
	60	240	0.0021	1172	375	IRFS3006TRL7PPTR-ND‡	1859.78/800			
	75	180	0.0038	700	300	IRF2907ZS-7PPBF-ND	4.08	3.65	2.99	
	75	180	0.0038	700	300	IRF2907ZSTRL7PPTR-ND‡	1748.95/800			
	75	260	0.0026	1060	370	IRFS3107-7PPBF-ND	4.44	3.96	3.25	
	75	240	0.0026	1060	370	IRFS3107TRL7PPCT-ND†	4.75	4.28	3.49	
	75	240	0.0026	1060	370	IRFS3107TRL7PPTR-ND‡	1900.14/800			
	100	190	0.0040	740	380	IRFS4010-7PPBF-ND	4.38	3.92	3.21	
	100	190	0.0040	740	380	IRFS4010TRL7PPCT-ND†	4.70	4.23	3.45	
	100	190	0.0040	740	380	IRFS4010TRL7PPTR-ND‡	1879.00/800			
	150	105	0.0118	420	380	IRFS4115TRL7PPCT-ND†	4.96	4.47	3.64	
	150	105	0.0118	420	380	IRFS4115TRL7PPTR-ND‡	1985.34/800			

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
D2Pak-7 Logic Level — RoHS Compliant										
9	40	240	0.0014	1540	380	IRLS3034TRL7PPCT-ND†	5.17	4.65	3.79	
	40	240	0.0014	1540	380	IRLS3034TRL7PPTR-ND‡	2066.06/800			
	60	300	0.0024	1000	380	IRLS3036TRL7PPCT-ND†	4.91	4.42	3.61	
	60	300	0.0024	1000	380	IRLS3036TRL7PPTR-ND‡	1964.20/800			
	100	190	0.0039	750	370	IRLS4030TRL7PPCT-ND†	5.39	4.85	3.96	
100	190	0.0039	750	370	IRLS4030TRL7PPTR-ND‡	2155.75/800				
SOT-223										
10	55	1.9	0.16	15	2.1	IRFL014N-ND	6.85	5.02	4.16	
	55	1.9	0.16	15	2.1	IRFL014NPBFCT-ND†	.65	.52	.39	
	55	1.9	0.16	15	2.1	IRFL014NPBFTR-ND‡	456.46/2,500			
	100	1.6	0.20	13	1.0	IRFL4310TRPBFCT-ND†	.53	.46	.37	
100	1.6	0.20	13	1.0	IRFL4310TRPBFTR-ND‡	438.44/2,500				
SOT-223 Logic Level — RoHS Compliant										
10	30	4.6	0.031	37	1.0	IRLL3303PBFCT-ND†	.72	.63	.50	
	30	4.6	0.031	37	1.0	IRLL3303PBFTR-ND‡	594.59/2,500			
	55	2	0.14	16	2.1	IRLL014NPBFCT-ND†	.63	.51	.38	
	55	2	0.14	16	2.1	IRLL014NPBFTR-ND‡	444.44/2,500			
	55	3.1	0.065	12	2.1	IRLL024NPBFCT-ND†	.73	.63	.50	
	55	3.1	0.065	12	2.1	IRLL024NPBFTR-ND‡	600.60/2,500			
55	3.8	0.04	30	1.0	IRLL2705PBFCT-ND†	.79	.69	.55		
55	3.8	0.04	30	1.0	IRLL2705PBFTR-ND‡	656.66/2,500				
DirectFET™										
11A	20	15	0.0082	120	2.2	IRF6610TR1PBFCT-ND†	2.06	1.77	1.45	
	20	15	0.0082	120	2.2	IRF6610TR1PBFTR-ND‡	853.65/1,000			
	20	15	0.0082	120	2.2	IRF6610TRPBFCT-ND†	1.69	1.45	1.19	
	20	16	0.0057	120	2.1	IRF6623CT-ND†	1.88	1.62	1.32	
	20	16	0.0057	120	2.1	IRF6623TR-ND‡	3259.58/4,800			
	20	16	0.0097	120	1.4	IRF6623TR1PBFCT-ND†	2.30	1.97	1.61	
	20	16	0.0097	120	1.4	IRF6623TR1PBFTR-ND‡	951.35/1,000			
	20	16	0.0097	120	1.4	IRF6623TRPBFCT-ND†	1.88	1.62	1.32	
	20	16	0.007	132	2.3	IRF6633TR1PBFCT-ND†	2.41	2.07	1.69	
	20	16	0.007	132	2.3	IRF6633TR1PBFTR-ND‡	998.60/1,000			
	20	18	0.0064	140	2.2	IRF6636CT-ND†	2.12	1.83	1.49	
	20	18	0.0064	140	2.2	IRF6636TR1CT-ND†	2.58	1.66	1.29	
	20	18	0.0064	140	2.2	IRF6636TR1TR-ND‡	1068.27/1,000			
	20	18	0.0064	140	2.2	IRF6636TR1PBFCT-ND†	2.58	2.21	1.81	
	20	18	0.0064	140	2.2	IRF6636TR1PBFTR-ND‡	1068.27/1,000			
	20	27	0.0027	220	2.8	IRF6620CT-ND†	2.55	1.66	1.27	
	20	27	0.0027	220	2.8	IRF6620TR-ND‡	4897.05/4,800			
	20	27	0.0036	220	2.8	IRF6620TR1PBFCT-ND†	2.47	2.23	1.82	
	20	27	0.0036	220	2.8	IRF6620TR1PBFTR-ND‡	1153.95/1,000			
	20	27	0.0036	220	2.8	IRF6620TRPBFCT-ND†	2.37	2.03	1.66	
	20									