

Fig.	Type	VDS (V)	RDS (on)		ID (A)	PD (W)	Config. or Package	Digi-Key Part No.	Cut Tape Pricing			Digi-Key Part No.	Tape & Reel Pricing	
			Ω	@ VoIL.					1	10	100			
SOT-23 — RoHS Compliant														
1	N-Chan.	20	0.22	4.5	0.9	0.35	Single	FDV305NCT-ND	.28	2.29	15.68	FDV305NTR-ND	222.16/3,000	
		25	4	4.5	0.22	0.35	Single	FDV301NCT-ND	.21	1.57	11.33	FDV301NTR-ND	122.84/3,000	
		25	0.45	4.5	0.68	0.35	Single	FDV303NCT-ND	.25	2.00	14.06	FDV303NTR-ND	172.50/3,000	
		30	0.125	4.5	1.6	0.5	Single	NDS355NCT-ND	.36	2.68	20.10	NDS355NTR-ND	348.26/3,000	
		30	30	10	0.05	0.35	Single	MMBF4393CT-ND	.28	2.04	14.16	MMBF4393TR-ND	163.35/3,000	
		50	3.5	10	0.22	0.36	Single	BSS138CT-ND	.17	1.31	9.44	BSS138TR-ND	102.37/3,000	
		60	7.5	10	0.115	0.2	Single	2N7002NCT-ND	.12	0.95	6.85	2N7002NTR-ND	74.22/3,000	
		60	2	10	0.28	0.3	Single	NDS7002ACT-ND	.26	2.04	14.37	NDS7002ATR-ND	176.42/3,000	
		100	6	10	0.17	0.36	Single	BSS123NCT-ND	.21	1.57	11.33	BSS123NTR-ND	122.84/3,000	
	P-Chan.	25	10	4.5	0.12	0.35	Single	FDV302PCT-ND	.21	1.58	10.95	FDV302PTR-ND	126.32/3,000	
		25	1.1	4.5	0.46	0.35	Single	FDV304PCT-ND	.33	2.67	18.30	FDV304PTR-ND	259.18/3,000	
		50	10	10	0.13	0.3	Single	BSS84CT-ND	.21	1.57	11.33	BSS84TR-ND	122.84/3,000	
		60	5	10	0.18	0.36	Single	NDS0605CT-ND	.30	2.32	16.29	NDS0605TR-ND	199.94/3,000	
		60	10	10	0.12	0.36	Single	NDS0610CT-ND	.28	2.13	14.72	NDS0610TR-ND	169.88/3,000	
		SuperSOT™-3 High Drain Current — RoHS Compliant												
	2	N-Chan.	20	0.055	4.5	1.7	0.5	Single	FDN335NCT-ND	.30	2.48	16.99	FDN335NTR-ND	240.67/3,000
			20	0.029	4.5	3	0.5	Single	FDN339ANCT-ND	.36	2.72	20.42	FDN339ANTR-ND	353.33/3,000
			20	0.16	4.5	1.3	0.5	Single	NDS331NCT-ND	.29	2.32	17.42	NDS331NTR-ND	235.22/3,000
20			0.11	4.5	1.7	0.5	Single	NDS335NCT-ND	.34	2.70	20.26	NDS335NTR-ND	273.45/3,000	
30			0.065	4.5	2.2	0.5	Single	FDN337NCT-ND	.29	2.32	17.42	FDN337NTR-ND	235.22/3,000	
30			0.081	4.5	1.9	0.5	Single	FDN357NCT-ND	.35	2.76	20.69	FDN357NTR-ND	279.33/3,000	
30			0.037	10	2.7	0.5	Single	FDN359ANCT-ND	.43	3.20	24.02	FDN359ANTR-ND	416.22/3,000	
30			0.026	10	2.7	0.5	Single	FDN359BNCT-ND	.46	3.48	26.14	FDN359BNTR-ND	453.02/3,000	
30			0.16	10	1.2	0.5	Single	NDS351ANCT-ND	.30	2.48	16.99	NDS351ANTR-ND	240.67/3,000	
30		0.08	10	1.7	0.5	Single	NDS355ANCT-ND	.32	2.56	19.17	NDS355ANTR-ND	258.75/3,000		
60		0.073	10	1.7	0.5	Single	FDN5630CT-ND	.44	3.46	25.92	FDN5630TR-ND	349.90/3,000		
P-Chan.		12	0.03	4.5	2.6	0.5	Single	FDN306PCT-ND	.36	2.82	21.13	FDN306PTR-ND	285.21/3,000	
		20	0.055	4.5	2.4	0.5	Single	FDN302PCT-ND	.38	3.05	22.87	FDN302PTR-ND	309.28/3,000	
		20	0.052	4.5	2.4	0.5	Single	FDN304P2CT-ND	.41	3.31	24.83	FDN304P2TR-ND	335.41/3,000	
		20	0.07	4.5	2	0.5	Single	FDN327NCT-ND	.44	3.46	25.92	FDN327NTR-ND	350.66/3,000	
		20	0.036	4.5	2.4	0.5	Single	FDN304PCT-ND	.41	3.31	24.83	FDN304PTR-ND	335.19/3,000	
		20	0.122	4.5	1.3	0.5	Single	FDN336PCT-ND	.36	2.85	21.34	FDN336PTR-ND	288.15/3,000	
		20	0.115	4.5	1.6	0.5	Single	FDN338PCT-ND	.36	2.86	19.60	FDN338PTR-ND	277.70/3,000	
	20	60	4.5	2	0.5	Single	FDN340PCT-ND	.34	2.70	20.26	FDN340PTR-ND	273.45/3,000		
	20	0.3	4.5	1.0	0.5	Single	NDS332PCT-ND	.31	2.50	18.73	NDS332PTR-ND	252.87/3,000		
20	0.22	2.7	1.2	0.5	Single	NDS336PCT-ND	.36	2.86	19.60	NDS336PTR-ND	277.70/3,000			
P-Chan.	30	0.18	10	1.3	0.5	Single	FDN352APCT-ND	.36	2.86	19.60	FDN352APTR-ND	278.78/3,000		
	30	0.0105	10	1.5	0.5	Single	FDN358PCT-ND	.31	2.47	18.51	FDN358PTR-ND	249.93/3,000		
	30	0.063	10	2	0.5	Single	FDN360PCT-ND	.36	2.82	21.13	FDN360PTR-ND	285.21/3,000		
	30	0.3	10	0.9	0.5	Single	NDS352APCT-ND	.38	3.05	22.87	NDS352APTR-ND	308.73/3,000		
	30	0.2	10	1.1	0.5	Single	NDS356APCT-ND	.41	3.28	24.61	NDS356APTR-ND	332.25/3,000		
	60	0.148	10	1.25	0.5	Single	FDN5618PCT-ND	.35	2.61	19.60	FDN5618PTR-ND	339.77/3,000		
	SuperSOT™-6 (SOT-6) — RoHS Compliant													
	3	N-Chan.	20	0.019	4.5	6.2	1.6	Single	FDC637ANCT-ND	.57	4.25	31.86	FDC637ANTR-ND	552.12/3,000
			20	0.02	4.5	7.3	1.8	Dual	FDC6000N2CT-ND	.72	5.99	47.92	FDC6000N2TR-ND	934.36/3,000
20			0.021	4.5	6.2	1.6	SSOT-6	FDC637BNZCT-ND	.36	2.86	19.60	FDC637BNZTR-ND	277.70/3,000	
20			0.06	4.5	2.7	0.96	Dual	FDC6305NCT-ND	.37	2.96	22.22	FDC6305NTR-ND	299.91/3,000	
20			0.07	4.5	3	0.7	Dual	FDC6401NCT-ND	.36	2.90	21.78	FDC6401NTR-ND	294.03/3,000	
30			0.009	10	12.5	2	Single	FDC796NCT-ND	.76	6.35	50.82	FDC796NTR-ND	990.99/3,000	
30			0.02	10	6.1	1.6	Single	FDC855NCT-ND	.45	3.38	25.32	FDC855NTR-ND	438.87/3,000	
30			0.027	10	5	1.6	Single	FDC653NCT-ND	.40	2.98	22.38	FDC653NTR-ND	387.90/3,000	
30			0.033	4.5	5.2	1.6	Single	FDC633NCT-ND	1.54	11.54	86.58	FDC633NTR-ND	1477.56/3,000	
30		0.06	10	3.2	1.6	Single	NDC651NCT-ND	.98	8.17	65.34	NDC651NTR-ND	1274.13/3,000		
P-Chan.		30	0.082	10	2.5	0.96	Dual	FDC6561ANCT-ND	.36	2.72	20.42	FDC6561ANTR-ND	353.93/3,000	
		50	2	10	0.35	0.5	Dual	NDC7002NCT-ND	.36	2.90	21.78	NDC7002NTR-ND	294.03/3,000	
		60	0.042	10	4.3	1.6	Single	FDC5612CT-ND	.65	4.90	36.76	FDC5612TR-ND	637.07/3,000	
		100	0.07	10	3.7	2	Single	FDC3616NCT-ND	.65	5.45	43.56	FDC3616NTR-ND	849.42/3,000	
		12	0.026	4.5	6	0.8	Single	FDC606PCT-ND	.65	4.92	36.92	FDC606PTR-ND	640.33/3,000	
		20	0.035	4.5	5.5	1.6	Single	FDC602PCT-ND	.28	2.13	16.01	FDC602PTR-ND	276.61/3,000	
		20	0.13	4.5	2.8	1.6	Single	FDC636PCT-ND	.49	3.70	27.77	FDC636PTR-ND	481.34/3,000	
		20	0.053	4.5	4.5	1.6	Single	FDC640PCT-ND	.36	2.90	21.78	FDC640PTR-ND	294.03/3,000	
	20	0.14	4.5	2.7	1.6	Single	NDC632PCT-ND	.70	5.23	39.20	NDC632PTR-ND	679.54/3,000		
P-Chan.	20	0.02	4.5	8	2	Single	FDC697PCT-ND	.97	7.70	57.72	FDC697PTR-ND	1477.56/3,000		
	20	0.022	4.5	7	2	Single	FDC699PCT-ND	.83	6.90	55.18	FDC699PTR-ND	1075.93/3,000		
	20	0.024	4.5	5.5	1.6	Dual	FDC604PCT-ND	.36	2.68	20.10	FDC604PTR-ND	348.26/3,000		
	20	0.026	4.5	5.8	1.6	Single	FDC608P2CT-ND	.40	3.19	23.96	FDC608P2TR-ND	323.43/3,000		
	20	0.037	4.5	4.5	1.6	Single	FDC638AP2CT-ND	.30	2.44	18.30	FDC638AP2TR-ND	246.99/3,000		
	20	0.039	4.5	4.5	1.6	Single	FDC638PCT-ND	.38	3.05	22.87	FDC638PTR-ND	308.73/3,000		
	20	0.044	4.5	5	1.8	Dual	FDC6036PCT-ND	.81	6.72	53.72	FDC6036PTR-ND	1047.62/3,000		
	20	0.06	4.5	3.5	1.6	Single	FDC634PCT-ND	.36	2.90	21.78	FDC634PTR-ND	294.03/3,000		
	20	0.115	4.5	2.3	0.7	Dual	FDC6312PCT-ND	.31	2.47	18.51	FDC6312PTR-ND	250.47/3,000		
P-Chan.	20	0.127	4.5	1.9	0.96	Dual	FDC6306PCT-ND	.33	2.61	19.60	FDC6306PTR-ND	264.63/3,000		
	20	0.15	4.5	3	0.8	Single	FDC62100CT-ND	.37	2.79	20.91	FDC62100TR-ND	362.42/3,000		
	20	0.15	4.5	2.2	0.96	Mosfet w/ Diode	FDC6392SCT-ND	.54	4.54	36.30	FDC6392STR-ND	707.85/3,000		
	25	1.5	2.7	0.46	0.7	Dual	FDC6304PCT-ND	.36	2.66	19.93	FDC6304PTR-ND	346.30/3,000		
	30	0.075	10	3.6	1.6	Single	FDC654PCT-ND	.87	7.26	58.08	FDC654PTR-ND	1132.56/3,000		
	30	0.025	10	6.3	1.6	Single	FDC655BNCT-ND	.38	3.05	22.87	FDC655BNTR-ND	309.28/3,000		
	30	0.036	10	4.9	1.6	Dual	FDC610P2CT-ND	.38	3.05	22.87	FDC610P2TR-ND	309.28/3,000		
	30	0.14	10	1.8	0.96	Dual	FDC6506PCT-ND	.38	2.83	21.24	FDC6506PTR-ND	368.08/3,000		
	30	0.11	10	2.4	1.6	Single	NDC652PCT-ND	1.02	8.53	68.24	NDC652PTR-ND	1330.76/3,000		
N-Chan.	50	5	10	0.22	0.5	Dual	NDC7003PCT-ND	.36	2.68	20.10	NDC7003PTR-ND	348.26/3,000		
	60	0.082	10	3	1.6	Single	FDC5614PCT-ND	.64	4.79	35.94	FDC5614PTR-ND	622.91/3,000		
	20	0.027	4.5	5.9	1.8	Dual	FDC6020CT-ND	.70	5.81	46.46	FDC6020CTR-ND	906.05/3,000		
	20	0.055	4.5	4.2	1.8	Dual	FDC6020CT-ND	.70	5.81	46.46	FDC6020CTR-ND	906.05/3,000		
	20	0.8	4.5	1.9	—	Dual	FDC6327CT-ND	.35	2.61	19.60	FDC6327CTR-ND	339.77/3,000		
	20	0.17	4.5	1.9	—	Dual	FDC6420CT-ND	.38	2.87	21.56	FDC6420CTR-ND	374.62/3,000		
	20	0.07	4.5	3.0	0.96	Dual	FDC6420CT-ND	.38	2.87	21.56	FDC6420CTR-ND	374.62/3,000		
	20	0.125	4.5	2.2	0.96	Dual	FDC6420CT-ND	.38	2.87	21.56	FDC6420CTR-ND	374.62/3,000		
	25	0.45	4.5	2.0	0.9	Dual	FDC6321CCT-ND	.36	2.68	20.10	FDC6321CTR-ND	348.48/3,000		
N-Chan.														

Fig.	Type	VDS (V)	RDS (on) @ Voil.	ID (A)	PD (W)	Config. or Package	Digi-Key Part No.	1	Cut Tape Pricing 10	100	Digi-Key Part No.	Tape & Reel Pricing	
Power MOSFET (SO-8)													
4	N-Chan.	20	0.0035	4.5	23	3.0	Single	FDS6064N7CT-ND	1.11	8.86	66.43	FDS6064N7TR-ND	1417.15/2,500
		20	0.0035	4.5	23	3.0	Single	FDS6162N7CT-ND	1.26	10.11	75.79	FDS6162N7TR-ND	1616.95/2,500
		20	0.004	4.5	19	2.5	Single	FDS6574ACT-ND	1.05	8.71	69.72	FDS6574ATR-ND	1132.56/2,500
		20	0.004	4.5	23	3.0	Single	FDS6064N3CT-ND	1.11	8.86	66.43	FDS6064N3TR-ND	1417.15/2,500
		20	0.0045	4.5	21	3.0	Single	FDS6162N3CT-ND	1.11	8.86	66.43	FDS6162N3TR-ND	1417.15/2,500
		20	0.0106	10	7.5	1.6	Dual	FDS6911CT-ND	.76	6.27	50.09	FDS6911TR-ND	814.03/2,500
		30	0.003	10	23	3.0	Single	FDS7089N7CT-ND	1.27	10.16	76.23	FDS7089N7TR-ND	1626.24/2,500
		30	0.0045	10	23	3.0	Single	FDS7066N7CT-ND	1.27	10.16	76.23	FDS7066N7TR-ND	1626.24/2,500
		30	0.0045	10	20	3.0	Single	FDS7288N3CT-ND	1.08	8.65	64.90	FDS7288N3TR-ND	1384.63/2,500
		30	0.0048	10	19	3.0	Single	FDS7066ASN3CT-ND	.97	8.09	64.76	FDS7066ASN3TR-ND	1052.34/2,500
		30	0.005	10	19	3.0	Single	FDS7060N7CT-ND	1.01	8.07	60.55	FDS7060N7TR-ND	1291.70/2,500
		30	0.006	10	17.5	3.0	Single	FDS7082N3CT-ND	.87	7.26	58.08	FDS7082N3TR-ND	943.80/2,500
		30	0.007	4.5	16.5	3.0	Single	FDS7064N7CT-ND	1.07	8.06	64.47	FDS7064N7TR-ND	1047.62/2,500
		30	0.0075	4.5	16	3.0	Single	FDS7064ACT-ND	.97	8.06	64.47	FDS7064ACTR-ND	1047.62/2,500
		30	0.008	10	16	3.13	Single	FDS7064SN3CT-ND	.87	7.26	58.08	FDS7064SN3TR-ND	943.80/2,500
		30	0.008	10	13.0	2.5	Single	FDS6670ACT-ND	.89	7.44	59.53	FDS6670ATR-ND	967.40/2,500
		30	0.009	10	14	3.0	Single	FDS7089N3CT-ND	.81	6.72	53.72	FDS7089N3TR-ND	873.02/2,500
		30	0.0095	10	12.5	2.5	Single	FDS6680ACT-ND	1.52	12.20	91.48	FDS6680ATR-ND	1951.48/2,500
		30	0.011	10	10.2	2.5	Single	FDS8878CT-ND	.45	3.38	25.32	FDS8878TR-ND	365.72/2,500
		30	0.019	10	8.5	2.5	Single	FDS8884CT-ND	.35	2.61	19.60	FDS8884TR-ND	283.14/2,500
		30	0.019	10	7.0	1.6	Dual	FDS8984CT-ND	.58	4.36	32.67	FDS8984TR-ND	471.90/2,500
		30	0.031	10	5.5	2.0	Dual	FDS6930BCT-ND	.54	4.03	30.22	FDS6930BTR-ND	436.51/2,500
		30	0.037	10	5.3	2.0	Dual	NDS8936CT-ND	.77	6.41	51.26	NDS8936TR-ND	832.90/2,500
		30	0.05	10	5.0	2.0	Dual	NDS9936CT-ND	.61	5.08	40.66	NDS9936TR-ND	660.66/2,500
		30	0.075	10	3.7	2.0	Dual	NDS9956ACT-ND	.73	5.42	40.68	NDS9956ATR-ND	587.52/2,500
		30	0.035	10	6	2	Mosfet w/ Diode	FDFS6N303CT-ND	.62	4.70	35.28	FDFS6N303TR-ND	509.65/2,500
		30	0.042	10	4	2	Mosfet w/ Diode	FDFS6N754CT-ND	.52	3.92	29.40	FDFS6N754TR-ND	424.71/2,500
		40	0.007	10	15.3	3.0	Single	FDS4070N7CT-ND	1.11	8.86	66.43	FDS4070N7TR-ND	1417.15/2,500
		40	0.0075	10	15.3	3.0	Single	FDS4070N3CT-ND	1.11	8.86	66.43	FDS4070N3TR-ND	1417.15/2,500
		40	0.009	10	12.4	3.0	Single	FDS4072N7CT-ND	1.05	8.41	63.05	FDS4072N7TR-ND	1345.13/2,500
		40	0.009	10	12.8	2.5	Single	FDS8447CT-ND	1.69	5.72	45.74	FDS8447TR-ND	743.24/2,500
		40	0.01	10	13	3.9	Single	FDS4080N7CT-ND	1.05	8.41	63.05	FDS4080N7TR-ND	1345.13/2,500
		40	0.01	10	12.4	3.0	Single	FDS4072N3CT-ND	1.05	8.35	62.62	FDS4072N3TR-ND	1335.84/2,500
		40	0.01	4.5	11	2.5	Single	FDS4672ACT-ND	.70	5.81	46.46	FDS4672ATR-ND	755.04/2,500
		40	0.015	10	13	3.0	Single	FDS4080N3CT-ND	1.05	8.35	62.62	FDS4080N3TR-ND	1335.84/2,500
		40	0.021	10	7.6	2.5	Single	FDS8449CT-ND	.43	3.22	24.18	FDS8449TR-ND	349.21/2,500
		40	0.021	10	6	1.6	Dual	FDS8949CT-ND	.64	4.79	35.94	FDS8949TR-ND	519.09/2,500
		60	0.012	10	10.6	3.0	Single	FDS5170N7CT-ND	1.21	9.64	72.31	FDS5170N7TR-ND	1542.60/2,500
		100	0.019	10	7.5	2.5	Single	FDS3672CT-ND	1.00	8.35	66.79	FDS3672TR-ND	1085.37/2,500
		100	0.026	10	6.7	3.0	Single	FDS3170N7CT-ND	1.36	10.89	81.68	FDS3170N7TR-ND	1742.40/2,500
150	0.075	10	4.1	3.0	Single	FDS2070N3CT-ND	1.23	9.87	74.05	FDS2070N3TR-ND	1579.78/2,500		
150	0.078	10	4.1	3.0	Single	FDS2070N7CT-ND	1.36	10.89	81.68	FDS2070N7TR-ND	1742.40/2,500		
200	0.059	10	3.9	2.5	Single	FDS2672CT-ND	.94	7.55	56.63	FDS2672TR-ND	1208.06/2,500		
200	0.128	10	3.0	3.0	Single	FDS2170N7CT-ND	1.36	10.89	81.68	FDS2170N7TR-ND	1742.40/2,500		
200	0.128	10	3.0	3.0	Single	FDS2170N3CT-ND	1.31	10.45	78.41	FDS2170N3TR-ND	1672.70/2,500		
250	0.097	10	3.0	2.5	Single	FDS2734CT-ND	1.05	8.42	63.16	FDS2734TR-ND	1347.46/2,500		
20	0.01	10	3.5	2.0	Dual	NDS9947CT-ND	.83	6.97	55.76	NDS9947TR-ND	906.05/2,500		
20	0.01	10	4.3	2.5	Single	NDS9405CT-ND	1.18	9.42	70.68	NDS9405TR-ND	1507.76/2,500		
20	0.035	4.5	6.7	2.5	Single	NDS8434CT-ND	.82	6.81	54.45	NDS8434TR-ND	884.81/2,500		
20	0.065	4.5	4	1.6	Single	SI3443DVFSCT-ND	.36	2.72	20.42	SI3443DVFSR-ND	353.93/3,000		
20	0.125	10	3.3	1.6	Mosfet w/ Diode	FDFS2P102ACT-ND	.46	3.48	26.14	FDFS2P102ATR-ND	377.52/2,500		
30	0.0077	10	13	2.5	Single	FDS6679A2CT-ND	.78	6.53	52.27	FDS6679A2TR-ND	849.42/2,500		
30	0.016	10	8.8	2.5	Single	FDS4435B2CT-ND	.58	4.36	32.67	FDS4435B2TR-ND	471.90/2,500		
30	0.018	10	6.9	1.6	Dual	FDS4935B2CT-ND	.56	4.63	37.03	FDS4935B2TR-ND	601.67/2,500		
30	0.05	10	5.3	2.5	Single	NDS9435ACT-ND	.54	4.07	30.55	NDS9435ATR-ND	441.23/2,500		
30	0.06	10	5.3	2.5	Single	NDS9430CT-ND	.68	5.66	45.30	NDS9430TR-ND	736.16/2,500		
30	0.065	10	4.0	2.0	Dual	NDS8947CT-ND	1.09	9.06	72.45	NDS8947TR-ND	1177.39/2,500		
30	0.075	10	16	3.13	Single	FDS7079N3CT-ND	1.02	8.15	61.09	FDS7079N3TR-ND	1303.32/2,500		
30	0.13	10	2.9	2.0	Dual	NDS9953ACT-ND	.70	5.87	46.90	NDS9953ATR-ND	762.12/2,500		
30	0.13	10	3.6	2.5	Single	NDS9400ACT-ND	.71	5.90	47.19	NDS9400ATR-ND	766.84/2,500		
30	0.059	10	5.3	1.6	Mosfet w/ Diode	FDFS2P103ACT-ND	.54	4.54	36.30	FDFS2P103ATR-ND	589.88/2,500		
30	0.059	10	5.3	1.6	Mosfet w/ Diode	FDFS2P103CT-ND	.54	4.54	36.30	FDFS2P103TR-ND	589.88/2,500		
30	0.069	10	3.0	1.6	Mosfet w/ Diode	FDFS2P753ZCT-ND	.40	2.98	22.30	FDFS2P753ZTR-ND	322.08/2,500		
30	0.069	10	3.0	3.1	Mosfet w/ Diode	FDFS2P753AZCT-ND	.39	2.94	22.06	FDFS2P753AZTR-ND	318.53/2,500		
40	0.01	10	11	2.4	Single	FDS4675CT-ND	1.13	9.00	67.52	FDS4675TR-ND	1440.38/2,500		
40	0.011	10	10.8	5	SO-8	FDS4141CT-ND	1.20	9.58	71.87	FDS4141TR-ND	1533.31/2,500		
60	0.082	10	2.9	2.0	Dual	FDS9958CT-ND	.65	5.45	43.56	FDS9958TR-ND	707.85/2,500		
60	0.11	10	3.0	1.6	Mosfet w/ Diode	FDFS2P106ACT-ND	1.04	8.29	62.18	FDFS2P106ATR-ND	1326.55/2,500		
60	0.15	10	3.3	2.5	Single	NDS9407CT-ND	.57	4.74	37.90	NDS9407TR-ND	615.83/2,500		
60	0.25	10	2.3	2.0	Dual	NDS9948CT-ND	.70	5.87	46.90	NDS9948TR-ND	762.12/2,500		
PowerTrench® SyncFET™ (SO-8) — RoHS Compliant													
4	N-Chan.	20	0.0075	4.5	15	2.5	Single	FDS6570ACT-ND	.94	7.55	56.63	FDS6570ATR-ND	1208.79/2,500
		20	0.018	4.5	7.5	2	Dual	FDS6890ACT-ND	.99	7.87	59.02	FDS6890ATR-ND	1259.61/2,500
		20	0.018	4.5	7.5	2	Dual	FDS6892ACT-ND	.65	5.45	43.56	FDS6892ATR-ND	707.85/2,500
		20	0.014	4.5	9.4	2	Dual	FDS6894ACT-ND	.91	7.62	60.98	FDS6894ATR-ND	990.99/2,500
		30	0.0113	10	13	3	Single	FDS6294CT-ND	.59	4.90	39.20	FDS6294TR-ND	637.07/2,500
		30	0.038	10	6.5	2.5	Single	FDS6630ACT-ND	.43	3.20	24.02	FDS6630ATR-ND	346.67/2,500
	30	0.013	10	7.5	1.6	Dual	FDS6910CT-ND	.72	5.99	47.92	FDS6910TR-ND	778.64/2,500	
	30	0.09	10	3.5	2	Dual	FDS6961ACT-ND	.49	3.64	27.28	FDS6961ATR-ND	393.86/2,500	
	30	0.019	10	8.5	2	Dual	FDS6984SCT-ND	.57	4.72	37.75	FDS6984STR-ND	613.47/2,500	
	30	0.01	10	11.6	2.5	Single	FDS8880CT-ND	.57	4.27	32.02	FDS8880TR-ND	462.83/2,500	
	60	0.035	10	6.1	5	SO-8	FDS5351CT-ND	.64	4.79	35.94	FDS5351TR-ND	519.09/2,500	
	P-Chan.	20	0.046	4.5	4.9	1.6	Dual	FDS9933B2CT-ND	.68	5.63	45.01	FDS9933B2TR-ND	731.45/2,500
20		0.13	4.5	3.5	2.5	Single	FDS9431ACT-ND	.44	3.27	24.50	FDS9431ATR-ND	353.93/2,500	
20		0.075	4.5	3.8	2	Dual	FDS9833ACT-ND	.73	5.42	40.68	FDS9833ATR-ND	588.06/2,500	
30		0.055	10	5	2	Dual	FDS4953CT-ND	.59	4.90	39.20	FDS4953TR-ND	637.07/2,500	
Power MOSFET (SO-8) (Complementary N-P Channel 3 Phase Brushless Motor Driver) — RoHS Compliant													
4	N-Chan.	30	0.037	10	5.3	2.0	Compl.	NDS8958CT-ND	.97	8.06	64.47	—	—
30	P-Chan.	30	0.065	10	4.0								

Fig.	Type	VDS (V)	RDS (on)		ID (A)	PD (W)	Config. or Package	Digi-Key Part No.	Cut Tape Pricing 10 100			Digi-Key Part No.	Tape & Reel Pricing	
			Ω	@ Voil.					1	10	100			
4	N-Chan. P-Chan.	30 30	0.08 0.13	10 10	4.0 2.9	2.0	Compl.	NDS9952ACT-ND	.59	4.92	39.35	NDS9952ATR-ND	639.42/2,500	
Power MOSFET (SO-8) (Complementary MOSFETS Half Bridge) — RoHS Compliant														
4	N-Chan.	20	0.01	4.5	9.4	2	Dual	FDS6888ACT-ND	.80	6.66	53.29	FDS6888ATR-ND	865.94/2,500	
		20	0.025	4.5	6.5	2	Dual	FDS9926ACT-ND	.49	3.66	27.44	FDS9926ATR-ND	396.40/2,500	
		30	0.004	10	20	1	Single	FDS8812NZCT-ND	.89	7.43	59.46	FDS8812NZTR-ND	966.22/2,500	
		30	0.0045	10	18.5	1	Single	FDS8813NZCT-ND	.80	6.67	53.36	FDS8813NZTR-ND	867.12/2,500	
		30	0.007	10	15	1	Single	FDS8817NZCT-ND	.57	4.76	38.12	FDS8817NZTR-ND	619.37/2,500	
		30	0.0085	10	11.5	2.5	Single	FDS6800CT-ND	.73	6.08	48.64	FDS6800TR-ND	790.43/2,500	
		30	0.0098	10	11	2.5	Single	FDS6890ACT-ND	1.26	10.02	75.14	FDS6890ATR-ND	1603.01/2,500	
		30	0.011	10	7.5	1.6	Dual	FDS6990ACT-ND	.66	5.52	44.14	FDS6990ATR-ND	717.29/2,500	
		30	0.012	10	8.6	2	Dual	FDS6982CT-ND	.72	5.99	47.92	FDS6982TR-ND	778.64/2,500	
		30	0.0135	10	6.3	0.9	Dual	FDS6982ASCT-ND	.54	4.54	36.30	FDS6982ASTR-ND	589.88/2,500	
		30	0.019	10	6	1.6	Dual	FDS6912ACT-ND	1.52	12.20	91.48	FDS6912ATR-ND	1951.49/2,500	
		30	0.019	10	8.4	2.5	Single	FDS6612ACT-ND	.54	4.03	30.22	FDS6612ATR-ND	436.51/2,500	
		30	0.023	10	7	1.6	Dual	FDS69548CT-ND	.67	5.03	37.74	FDS69548TR-ND	545.04/2,500	
		30	0.03	4.5	5.5	0.9	Dual	FDS8926ACT-ND	.92	7.68	61.42	FDS8926ATR-ND	998.25/2,500	
		30	0.032	10	5.5	2	Dual	FDS6930ACT-ND	.60	4.49	33.65	FDS6930ATR-ND	486.06/2,500	
		60	0.012	10	10	2.5	Single	FDS5670CT-ND	1.08	8.62	64.69	FDS5670TR-ND	1379.98/2,500	
		60	0.02	10	8	1	Single	FDS5680CT-ND	1.04	8.62	68.97	FDS5680TR-ND	1121.67/2,500	
		60	0.49	10	4.8	2.5	Dual	HUF476413DK8TCT-ND	.81	6.77	54.16	HUF476413DK8TTR-ND	880.28/2,500	
		60	0.1	10	3.5	1	Single	FDS9945CT-ND	.60	4.46	33.49	FDS9945TR-ND	484.61/2,500	
		80	0.044	10	4.7	0.9	Dual	FDS3890CT-ND	.99	8.24	65.92	FDS3890TR-ND	1070.85/2,500	
	100	0.05	10	4.5	2.5	Single	FDS3692CT-ND	.64	5.30	42.40	FDS3692TR-ND	689.70/2,500		
	100	0.054	10	4.5	2.5	Dual	FDS3992CT-ND	.94	7.54	56.52	FDS3992TR-ND	1205.16/2,500		
	150	0.04	10	4.9	2.5	Single	FDS2572CT-ND	1.00	8.35	66.79	FDS2572TR-ND	1085.37/2,500		
	200	0.13	10	3	1	Single	FDS2670CT-ND	1.08	9.02	72.16	FDS2670TR-ND	1172.49/2,500		
	P-Chan.	20	0.0067	4.5	13.5	2.5	Single	FDS4465CT-ND	.82	6.86	54.89	FDS4465TR-ND	891.89/2,500	
		20	0.013	4.5	10	1.2	Single	FDS6675CT-ND	.94	7.86	62.87	FDS6675TR-ND	1021.85/2,500	
		20	0.014	4.5	8	2.5	Single	FDS6375CT-ND	.46	3.81	30.49	FDS6375TR-ND	496.50/2,500	
		20	0.024	4.5	6	2	Dual	FDS6875CT-ND	.73	6.10	48.79	FDS6875TR-ND	792.79/2,500	
		20	0.036	4.5	5	2.5	Single	FDS8433ACT-ND	.49	3.72	27.94	FDS8433ATR-ND	403.47/2,500	
		30	0.011	10	11	2.5	Single	FDS6675CT-ND	.85	7.06	56.48	FDS6675TR-ND	917.85/2,500	
		30	0.015	10	8.8	2.5	Single	SI4435DYFSTR-ND	.55	4.14	31.04	SI4435DYFSTR-ND	448.31/2,500	
		30	0.019	10	7	1.6	Dual	FDS4935ACT-ND	.68	5.70	45.59	FDS4935ATR-ND	740.88/2,500	
		30	0.025	10	6	2	Dual	FDS6975CT-ND	.82	6.86	54.89	FDS6975TR-ND	891.89/2,500	
		30	0.042	10	5.3	2.5	Single	FDS9435ACT-ND	.47	3.55	26.63	FDS9435ATR-ND	384.60/2,500	
		30	0.046	10	2.0	1	Single	FDS6681ZCT-ND	1.27	10.16	76.23	FDS6681ZTR-ND	1626.24/2,500	
		N-Chan. P-Chan.	30 30	0.037 0.065	10 10	6.3 4.8	2.5	Compl.	NDS8858HCT-ND	.74	6.17	49.37	NDS8858HTR-ND	802.23/2,500
		N-Chan. P-Chan.	30 30	0.017 0.0205	10 10	8.6 7.3	2	Dual	FDS8858CZCT-ND	.85	7.08	56.63	FDS8858CZTR-ND	920.21/2,500
		N-Chan. P-Chan.	30 30	0.019 0.042	10 10	7 5	2	Dual	FDS8958ACT-ND	1.82	14.51	112.82	FDS8958ATR-ND	2538.46/2,500
		N-Chan. P-Chan.	30 20	0.025 0.043	4.5 4.5	5.5 4	2	Dual	FDS8928ACT-ND	.77	6.41	51.26	FDS8928ATR-ND	832.90/2,500
		N-Chan. P-Chan.	30 30	0.065 0.085	10 10	3.9 3.5	2	Dual	SI4532DYCT-ND	.51	3.79	28.42	SI4532DYTR-ND	410.19/2,500
N-Chan. P-Chan.		60 60	0.055 0.105	10 10	4.5 3.5	2	Dual	FDS4559CT-ND	.59	4.89	39.06	FDS4559TR-ND	635.25/2,500	
PowerSOT (SOT-223) — RoHS Compliant														
5		N-Chan.	30	0.045	4.5	6.3	3	Single	FD439NCT-ND	.55	4.12	30.88	FD439NTR-ND	446.49/2,500
			30	0.043	10	5	3	Single	FD457NCT-ND	.35	2.61	19.60	FD457NTR-ND	283.14/2,500
	60		0.12	10	3.7	3.0	Single	NDT3055CT-ND	.41	3.05	22.87	NDT3055TR-ND	330.33/2,500	
	60		0.15	4.5	3.5	3.0	Single	NDT3055LCT-ND	.46	3.42	25.65	NDT3055LTR-ND	370.44/2,500	
	100		0.275	10	1.7	2	Single	FOT7N10LTFCT-ND	.43	3.40	25.48	FOT7N10LTFTR-ND	458.69/4,000	
	100	0.2	10	2.3	2.4	Single	IRFM120ATFCT-ND	.45	3.35	25.16	IRFM120ATFTR-ND	581.38/4,000		
	100	0.28	10	1.7	2.0	Single	FOT7N10TFCT-ND	.43	3.43	25.70	FOT7N10TFTR-ND	462.61/4,000		
	P-Chan.	20	0.05	4.5	6	3	Single	FD434PCT-ND	.43	3.20	24.02	FD434PTR-ND	346.67/2,500	
		30	0.037	10	7.1	3.0	Single	NDT451ANCT-ND	.65	4.92	36.92	NDT451ANTR-ND	533.25/2,500	
		30	0.035	10	7.3	3.0	Single	NDT456PCT-ND	.92	7.39	55.43	NDT456PTR-ND	1182.51/2,500	
30		0.065	10	5.0	3.0	Single	NDT452APCT-ND	.54	4.54	36.30	NDT452APTR-ND	589.88/2,500		
60		0.3	10	2.5	3.0	Single	NDT2955CT-ND	.42	3.16	23.69	NDT2955TR-ND	342.13/2,500		
100	0.82	10	1.0	2.0	Single	FOT5P10TFCT-ND	.43	3.40	25.48	FOT5P10TFTR-ND	458.69/4,000			
SOT-323 — RoHS Compliant														
5	N-Chan.	60	1.6	5	1.43	0.2	SOT-323	2N7002WCT-ND	.28	2.04	14.16	2N7002WTR-ND	163.35/3,000	
SOT-523F — RoHS Compliant														
5	N-Chan.	60	1.6	5	115	200	SOT-523F	2N7002TCT-ND	.27	2.09	14.69	2N7002TTR-ND	180.34/3,000	
		60	7.5	—	0.28	—	SOT-523F	2N7002VACT-ND	.30	2.40	16.47	2N7002VATR-ND	233.26/3,000	
		60	7.5	—	0.28	—	SOT-523F	2N7002VCT-ND	.30	2.40	16.47	2N7002VTR-ND	233.26/3,000	
Through-Hole Power MOSFET (TO-220AB)														
6	N-Chan.	30	0.0019	10	80	254	Single	FDP8860-ND	1.36	10.89	81.68	—	—	
		40	0.0021	10	80	300	Single	FDP8441-ND	1.56	12.49	93.65	—	—	
		40	0.0023	10	80	254	Single	FDP8442-ND	2.03	16.18	125.83	—	—	
		40	0.0027	10	80	188	TO-220AB	FDP8443-ND	1.18	9.44	70.79	—	—	
		50	0.1	5	14	48	Single	RFP14N05L-ND	.67	5.03	37.74	—	—	
		50	0.015	10	75	150	TO-220AB	NDP7050-ND	5.23	41.82	352.84	—	—	
		55	0.008	10	100	175	Single	HRF3205-ND	1.33	10.61	79.61	—	—	
		55	0.028	10	35	93	Single	HUF75321P3-ND	.61	5.07	40.51	—	—	
		55	0.01	10	75	200	Single	HUF75339P3-ND	.94	7.51	56.30	—	—	
		55	0.006	10	75	325	Single	HUF75345P3-ND	1.40	11.18	83.85	—	—	
	60	0.014	10	70	150	Single	RFP70N06-ND	1.00	8.02	60.11	—	—		
	60	0.0035	10	80	310	Single	FDP038AN06A0-ND	2.40	19.21	149.41	—	—		
	60	0.028	10	45	131	Single	RFP45N06-ND	.94	7.83	62.58	—	—		
	60	0.022	10	50	131	Single	RFP50N06-ND	.89	7.44	59.53	—	—		
	60	0.107	2.5	11	38	Single	RFP3055LE-ND	.57	4.31	32.34	—	—		
	60	0.047	2.5	30	96	Single	RFP30N06LE-ND	.65	5.37	42.98	—	—		
	60	0.025	10	48	100	TO-220AB	NDP6060-ND	.99	7.97	59.79	—	—		
	60	0.025	2.7	48	100	TO-220AB	NDP6060L-ND	1.00	7.99	59.90	—	—		
	60	0.015	10	75	150	TO-220AB	NDP7060-ND	1.76	14.04	105.31	—	—		
	60	0.0043	10	80	245	Single	FDP050AN06A0-ND	1.69	13.50	101.28	—	—		
75	0.004	10	80	310	Single	FDP047AN08A0-ND	2.27	18.16	141.28	—	—			
80	0.01	10	75	270	Single	HUF75545P3-ND	1.73	13.81	103.56	—	—			
100	0.2	2.5	12	60	Single	RFP12N10L-ND	.70	5.27	39.53	—	—			
100	0.015	10	80	255	Single	FDP3651U-ND	1.74	13.85	107.74	—	—			
100	0.0075	10	80	310	Single	FDP3632-ND	2.13	16.99	132.13	—	—			
100	0.021	10	56	200	Single	HUF75639P3-ND	1.07	8.57	64.25	—	—			
100	0.0115	10	75	310	Single	HUF75645P3-ND	1.71	13.65	102.37	—	—			

◆ RoHS Compliant ▲ Tape and Box † Bulk § See data sheet for pin out (Continued)

Multiple pinout configurations available, see Digi-Key web site for data sheet.

Fig. 12 — TO-3P

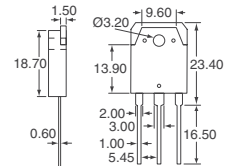


Fig.	Type	VDS (V)	RDS (on)		ID (A)	PD (W)	Config. or Package	Digi-Key Part No.	Cut Tape Pricing			Digi-Key Part No.	Tape & Reel Pricing	
			Ω	@ Volt.					1	10	100			
6	N-Chan.	100	0.014	10	61	150	Single	FDP3652-ND	1.34	10.74	80.59	—	—	
		105	0.025	10	41	135	Single	FDP3672-ND	1.02	8.13	60.98	—	—	
		150	0.014	10	79	310	Single	FDP2532-ND	2.21	17.64	137.21	—	—	
Through-Hole Power MOSFET (TO-92) — RoHS Compliant														
7	N-Chan.	25	—	—	0.01	0.625	TO-92	J310-ND	.24	1.79	12.39	—	—	
		30	30	—	0.5	—	Single	PN4392FS-ND	.22	1.60	11.14	—	—	
		35	30	0.1	0.05	0.625	TO-92	J111FS-ND	.24	1.79	12.42	—	—	
		35	50	—	0.05	0.625	TO-92	J112FS-ND	.24	1.79	12.42	—	—	
		40	—	—	0.05	0.625	TO-92	J201-ND	.22	1.62	11.21	—	—	
		60	5	10	0.2	0.4	TO-92	2N7000FS-ND	.19	1.42	9.82	—	—	
		60	5	10	0.5	0.83	TO-92	BS170-ND	.25	1.85	12.84	—	—	
		60	1.2	10	0.5	0.83	Single	BS170_D2ZCT-ND	.25	1.85	12.84	BS170_D2ZTR-ND	108.61/2,000	
		60	1.2	10	0.5	0.83	TO-92	BS170_D75ZCT-ND	.25	1.85	12.84	BS170_D75ZTR-ND▲	108.61/2,000	
		100	0.04	10	40	160	Single	RFP40N10-ND	.95	7.58	56.85	—	—	
500	4.6	10	0.38	0.89	Single	FQN1N50CBU-ND	.37	3.01	20.65	—	—			
P-Chan.	30	85	0.1	0.05	0.35	TO-92	J175FS-ND	.31	2.45	17.25	—	—		
	30	125	0.1	0.05	0.35	TO-92	J176FS-ND	.31	2.45	17.25	—	—		
TO-262AB — RoHS Compliant														
8	N-Chan.	40	0.0022	10	80	300	Single	FDI8441-ND	1.91	15.28	118.82	—	—	
		40	0.0023	10	80	254	TO-262AB	FDI8442-ND	1.36	10.89	81.68	—	—	
TO-247 — RoHS Compliant														
9	N-Chan.	55	0.0065	10	75	285	Single	HUF75344G3-ND	1.65	13.18	98.88	—	—	
		55	0.007	10	75	325	Single	HUF75345G3-ND	2.01	16.08	124.92	—	—	
		60	0.014	10	70	150	Single	RF670N06-ND	1.53	12.25	91.91	—	—	
		100	0.008	10	75	515	Single	HUF75652G3-ND	3.78	30.19	234.79	—	—	
		150	0.016	10	75	500	Single	HUF75852G3-ND	5.55	44.43	374.89	—	—	
		500	0.089	10	48	625	Single	FDH50N60-ND	4.41	35.31	297.95	—	—	
		500	0.11	10	44	750	Single	FDH44N50-ND	5.07	40.61	342.64	—	—	
		600	0.062	10	47	417	Single	FCH47N60F-ND	7.12	64.14	568.73	—	—	
		600	0.058	10	47	417	Single	FCH47N60-ND	7.25	57.96	489.07	—	—	
		600	0.19	10	20	208	Single	FCH20N60-ND	3.25	26.01	202.26	—	—	
1000	1.45	10	8	225	Single	FQH8N100C-ND	2.26	18.03	140.26	—	—			
D-PAK (TO-252, TO-252AA) — RoHS Compliant														
10	N-Chan.	20	0.0066	10	35	49.5	Single	FDD8580CT-ND	.42	3.14	23.52	FDD8580TR-ND	339.77/2,500	
		20	0.004	10	35	77	Single	FDD8586CT-ND	.57	4.23	31.69	FDD8586TR-ND	457.74/2,500	
		25	0.0085	10	30	33	Single	FDD6780CT-ND	.56	4.20	31.53	FDD6780TR-ND	455.38/2,500	
		25	0.0057	10	40	42	Single	FDD6796CT-ND	.67	5.03	37.74	FDD6796TR-ND	545.04/2,500	
		25	0.0116	10	35	39	Single	FDD8778CT-ND	.35	2.61	19.60	FDD8778TR-ND	283.14/2,500	
		25	0.0085	10	35	50	Single	FDD8782CT-ND	.52	3.92	29.40	FDD8782TR-ND	424.71/2,500	
		25	0.0033	10	35	115	Single	FDD8770CT-ND	.76	6.07	45.52	FDD8770TR-ND	971.10/2,500	
		25	0.0065	10	35	50	Single	FDD8780CT-ND	.52	3.92	29.40	FDD8780TR-ND	424.71/2,500	
		25	0.028	10	2.7	18	Single	FDD8750CT-ND	.38	3.05	22.87	FDD8750TR-ND	257.28/2,500	
		30	0.0068	10	76	70	SyncFET	FDD6670ASCT-ND	.61	5.08	40.66	FDD6670ASTR-ND	660.66/2,500	
		30	0.028	10	21	28	Single	FDD6630ACT-ND	.46	3.48	26.14	FDD6630ATR-ND	377.52/2,500	
		30	0.0077	10	46	56	Single	FDD6690ACT-ND	.67	5.58	44.58	FDD6690ATR-ND	724.37/2,500	
		40	0.0058	10	50	65	TO-252	FDD8453LZCT-ND	.90	7.50	59.97	—	—	
		40	0.019	10	28	37	Single	FDD8451CT-ND	.67	5.01	37.57	FDD8451TR-ND	542.69/2,500	
		40	0.007	10	54	45	Single	FDD8447LCT-ND	.59	4.90	39.20	FDD8447LTR-ND	637.07/2,500	
		40	0.0038	5	50	153	Single	FDD8444LCT-ND	1.10	8.78	65.88	FDD8444LTR-ND	1405.54/2,500	
		50	0.1	10	14	48	Single	RFD14N05SM9ACT-ND	.55	4.12	30.88	RFD14N05SM9ATR-ND	446.49/2,500	
		50	0.100	10	14	48	Single	RFD14N05SM-ND	.55	4.14	31.04	—	—	
		50	0.100	2.5	14	48	Single	RFD14N05LSM-ND	.58	4.36	32.67	—	—	
		50	0.047	2.5	16	60	Single	RFD16N05LSM-ND	.65	5.39	43.12	—	—	
		50	0.047	10	16	72	Single	RFD16N05SM-ND	.60	4.96	39.64	—	—	
		50	0.1	5	14	48	Single	RFD14N05LSM9ACT-ND	.67	4.99	37.41	RFD14N05LSM9ATR-ND	540.33/2,500	
		50	0.047	5	16	60	Single	RFD16N05LSM9ACT-ND	.69	5.72	45.74	RFD16N05LSM9ATR-ND	743.24/2,500	
		50	0.047	10	16	72	Single	RFD16N05SM9ACT-ND	.57	4.78	38.19	RFD16N05SM9ATR-ND	620.55/2,500	
		60	0.0123	10	50	69	Single	FDD5353CT-ND	1.07	8.89	71.15	FDD5353TR-ND	1156.16/2,500	
		60	0.0094	10	50	135	Single	FDD10AN06A0CT-ND	1.09	8.71	65.34	FDD10AN06A0TR-ND	1393.92/2,500	
		60	0.0115	10	50	115	Single	FDD13AN06A0CT-ND	.99	8.20	65.63	FDD13AN06A0TR-ND	1066.49/2,500	
		60	0.0165	10	35	88	Single	FDD5810CT-ND	.70	5.81	46.46	FDD5810TR-ND	755.04/2,500	
		60	0.027	10	30	50	Single	FDD5690CT-ND	.83	6.93	55.47	FDD5690TR-ND	902.06/2,500	
		60	0.107	5	11	38	Single	RFD3055LESMACT-ND	.55	4.12	30.88	RFD3055LESMATR-ND	445.95/2,500	
		60	0.107	2.5	11	38	Single	RFD3055LESM-ND	.60	4.44	33.32	—	—	
		60	0.18	5	12	48	Single	MTD3055VLTCT-ND	.69	5.77	46.17	MTD3055VLTTR-ND	750.32/2,500	
		60	0.047	5	16	90	Single	RFD16N06LESMACT-ND	.73	6.05	48.35	RFD16N06LESMATR-ND	785.90/2,500	
		75	0.013	10	50	135	Single	FDD16AN08A0CT-ND	1.11	8.86	66.43	FDD16AN08A0TR-ND	1417.52/2,500	
		100	0.024	10	44	135	Single	FDD3672CT-ND	1.05	8.71	69.70	FDD3672TR-ND	1132.56/2,500	
		100	0.0287	10	29	69	TO-252	FDD3860CT-ND	.70	5.81	46.46	FDD3860TR-ND	755.04/2,500	
		100	0.032	10	32	95	Single	FDD3682CT-ND	.72	5.99	47.92	FDD3682TR-ND	778.64/2,500	
		100	0.13	10	10	49	Single	HUF76690D3SCT-ND	.69	5.18	38.88	HUF76690D3STR-ND	561.56/2,500	
		150	0.045	10	29	135	Single	FDD2572CT-ND	1.05	8.71	69.70	FDD2572TR-ND	1132.56/2,500	
		200	0.28	10	9	2.5	Single	FDD12N20LTMCT-ND	.69	5.18	38.88	FDD12N20LTMTR-ND	560.84/2,500	
		200	0.58	10	5	43	Single	FDD7N20TMCT-ND	.72	5.40	40.51	FDD7N20TMTR-ND	585.16/2,500	
		200	0.6	10	4.5	40	Single	FDD6N20FTCT-ND	.79	6.61	52.85	FDD6N20FTTR-ND	702.94/2,000	
		250	0.22	10	16	160	Single	FDD16N25TMCT-ND	.70	5.81	46.46	FDD16N25TMTR-ND	755.04/2,500	
		250	0.9	10	4.4	50	Single	FDD6N25FTCT-ND	.72	5.40	40.51	FDD6N25FTTR-ND	478.93/2,000	
		250	0.9	10	4.4	50	Single	FDD6N25TMCT-ND	.55	4.61	36.88	FDD6N25TMTR-ND	599.31/2,500	
		400	2.8	10	2	30	Single	FDD3N40FTCT-ND	.60	4.99	39.93	FDD3N40FTTR-ND	531.07/2,000	
		400	2.8	10	2	30	Single	FDD3N40TMCT-ND	.60	4.99	39.93	FDD3N40TMTR-ND	648.86/2,000	
		500	1.0	10	5.5	89	Single	FDD6N50FTCT-ND	.99	8.24	65.92	FDD6N50FTTR-ND	877.01/2,000	
		500	1.0	10	5.5	89	Single	FDD6N50TMCT-ND	.65	5.45	43.56	FDD6N50TMTR-ND	724.19/2,500	
		500	0.76	10	6	89	Single	FDD6N50FTCT-ND	.90	7.49	59.90	FDD6N50FTTR-ND	796.60/2,000	
		600	2.5	10	2.8	2.5	Single	FDD5N60CTMCT-ND	.68	5.10	38.22	FDD5N60CTMTR-ND	552.12/2,500	
		600	0.81	10	4.6	54	Single	FDD5N60FTCT-ND	.93	7.41	55.54	FDD5N60FTTR-ND	962.68/2,000	
		600	0.81	10	4.6	54	Single	FDD5N60TMCT-ND	.93	7.41	55.54	FDD5N60TMTR-ND	1184.83/2,500	
		600	0.53	10	7	83	Single	FCD7N60FTCT-ND	1.23	9.87	74.05	FCD7N60FTTR-ND	1283.57/2,000	
		600	0.53	10	7	83	Single	FCD7N60TMCT-ND	1.23	9.87	74.05	FCD7N60TMTR-ND	1579.78/2,500	
		600	1.0	10	3.9	50	Single	FCD4N60FTCT-ND	1.00	8.35	66.79	FCD4N60FTTR-ND	888.33/2,000	
		600	1.0	10	3.9	50	Single	FCD4N60TMCT-ND	1.00	8.35	66.79	FCD4N60TMTR-ND	1085.37/2,500	
		800	4.9	10	1.8	2.5	Single	FDD2N80TMCT-ND	.68	5.66	45.30	FDD2N80TMTR-ND	736.16/2,500	
		900	5.6	10	1.7	2.5	Single	FDD2N90FTCT-ND	.68	5.66	45.30	FDD2N90FTTR-ND	602.52/2,000	
		1,000	9	10	1.6	2.5	Single	FDD2N100TMCT-ND	.68	5.61	44.87	FDD2N100TMTR-ND	729.63/2,500	
		P-Chan.	40	0.0101	10	50	69	Single	FDD4141CT-ND	.61	5.08	40.66	FDD4141TR-ND	660.66/2,500
			40	0.036	10	14	42	Single	FDD4243CT-ND	.				

Fig.	Type	VDS (V)	RDS (on)		ID (A)	PD (W)	Config. or Package	Digi-Key Part No.	Cut Tape Pricing			Digi-Key Part No.	Tape & Reel Pricing		
			Ω	@ Voil.					10	100					
D2PAK (TO-263AB)															
11	N-Chan.	30	0.0031	10	80	187	TO-263AB	FDB8030LCT-ND	2.99	23.91	186.00	FDB8030LTR-ND	1381.72/800		
		30	0.022	10	80	187	TO-263AB	NDB8030LCT-ND	93	7.43	55.76	NDB8030LTR-ND	401.45/800		
		30	0.0049	10	93	80	300	Single	FDB8896CT-ND	.68	5.63	45.01	FDB8896TR-ND	252.07/800	
		30	0.0014	10	80	300	Single	FDB8832CT-ND	1.89	15.09	117.39	FDB8832TR-ND	872.07/800		
		40	0.0019	10	80	300	Single	FDB8441CT-ND	1.58	12.63	94.74	FDB8441TR-ND	682.15/800		
		40	0.0036	10	80	254	Single	FDB8442CT-ND	1.69	13.50	101.28	FDB8442TR-ND	729.19/800		
		40	0.0023	10	80	188	TO-263AB	FDB8443CT-ND	1.63	12.98	97.36	FDB8443TR-ND	700.97/800		
		40	0.013	10	70	92	Single	FDB8445CT-ND	.91	7.62	60.98	FDB8445TR-ND	341.51/800		
		40	8.5	10	50	60	Single	FDB8447LCT-ND	.76	6.29	50.31	FDB8447LTR-ND	281.75/800		
		40	0.0063	10	50	66	Single	FDB8453LZCT-ND	.78	6.53	52.27	FDB8453LZTR-ND	292.72/800		
		50	0.1	10	15	50	TO-263AB	NDB4050CT-ND	.80	6.68	53.43	NDB4050TR-ND	288.54/800		
		60	0.0018	10	265	395	Single	FDB024N06CT-ND	2.86	22.87	177.87	FDB024N06TR-ND	1321.32/800		
		60	0.0115	10	62	115	Single	FDB13AN06A0CT-ND	1.01	8.09	60.66	FDB13AN06A0TR-ND	436.76/800		
		60	0.025	2.7	48	100	TO-263AB	NDB6060LCT-ND	.97	8.13	65.05	NDB6060LTR-ND	364.28/800		
		60	0.015	2.7	75	150	TO-263AB	NDB7060LCT-ND	11.63	87.23	581.53	—	—		
		60	0.021	10	32	58	Single	FDB5690CT-ND	1.08	9.04	72.31	FDB5690TR-ND	404.93/800		
		60	0.0035	10	80	310	Single	FDB035AN06A0CT-ND	2.58	20.65	160.59	FDB035AN06A0TR-ND	1192.96/800		
		75	0.047	10	14	41	Single	FDB3502CT-ND	.83	6.90	55.18	FDB3502TR-ND	308.99/800		
		75	0.0024	10	235	375	Single	FDB031N08CT-ND	2.76	22.08	171.77	FDB031N08TR-ND	1276.02/800		
		75	0.0039	10	80	310	Single	FDB045AN08A0CT-ND	2.32	18.56	144.33	FDB045AN08A0TR-ND	1072.16/800		
		80	0.01	10	75	270	Single	HUF7545S3STCT-ND	1.66	13.23	102.86	HUF7545S3STTR-ND	764.33/800		
		100	0.125	10	22	3.75	Single	FQB22P10TMCT-ND	.76	6.32	50.53	FQB22P10TMTR-ND	282.85/800		
		100	0.014	10	61	150	Single	FDB3652CT-ND	1.44	11.47	86.03	FDB3652TR-ND	619.71/800		
		100	0.0075	10	80	310	Single	FDB3632CT-ND	2.14	17.12	133.15	FDB3632TR-ND	989.10/800		
		100	0.0115	10	75	310	Single	HUF75645S3STCT-ND	1.65	13.20	102.66	HUF75645S3STTR-ND	762.59/800		
		100	0.021	10	55	3.75	Single	FQB55N10TMCT-ND	1.07	8.54	64.03	FQB55N10TMTR-ND	461.04/800		
		100	0.04	10	33	127	Single	FQB33N10TMCT-ND	.76	6.32	50.53	FQB33N10TMTR-ND	282.97/800		
		150	0.014	10	79	310	Single	FDB2532CT-ND	2.21	17.64	137.21	FDB2532TR-ND	1019.30/800		
		200	0.14	10	21	3.13	Single	FQB19N20LTMTCT-ND	.78	6.56	52.42	FQB19N20LTMTTR-ND	293.30/800		
		200	0.06	10	31	3.13	Single	FQB34N20TM_AM002CT-ND	1.22	9.74	73.07	FQB34N20TM_AM002TR-ND	526.12/800		
		200	0.057	10	31	180	Single	FQB34N20LTMTCT-ND	1.12	8.94	67.08	FQB34N20LTMTTR-ND	482.99/800		
		200	0.0229	10	62	260	Single	FDB2614CT-ND	2.50	19.99	155.51	FDB2614TR-ND	1155.21/800		
		200	0.041	10	52	357	Single	FDB52N20TMCT-ND	1.22	9.73	72.96	FDB52N20TMTR-ND	525.33/800		
		250	0.033	10	50	260	Single	FDB2710CT-ND	3.25	26.01	202.26	FDB2710TR-ND	1502.53/800		
		250	0.058	10	44	307	Single	FDB44N25TMCT-ND	1.27	10.16	75.23	FDB44N25TMTR-ND	548.86/800		
		300	0.24	10	14	140	Single	FDB14N30TMCT-ND	1.05	8.39	62.94	FDB14N30TMTR-ND	453.20/800		
		300	0.108	10	28	250	Single	FDB28N30TMCT-ND	1.55	12.39	92.89	FDB28N30TMTR-ND	668.82/800		
		330	0.18	10	25	250	Single	FDB25N33TMCT-ND	1.69	13.53	105.20	FDB25N33TMTR-ND	781.47/800		
		500	0.38	10	15	300	Single	FDB15N50CT-ND	1.63	13.07	98.01	FDB15N50TR-ND	705.67/800		
		500	0.55	10	11.5	165	Single	FDB12N50TMCT-ND	1.18	9.38	70.35	FDB12N50TMTR-ND	506.52/800		
		500	0.7	10	9	173	Single	FQB9N50CTMTCT-ND	1.16	9.28	69.59	FQB9N50CTMTTR-ND	501.03/800		
		500	1.3	10	5	96	Single	FQB5N50CTMTCT-ND	1.05	8.73	69.84	FQB5N50CTMTTR-ND	391.11/800		
		600	0.32	10	11	125	Single	FCB11N60FTMCT-ND	1.96	15.68	121.97	FCB11N60FTMTR-ND	906.05/800		
		600	0.38	10	11	125	Single	FCB11N60TMCT-ND	1.67	13.36	100.19	FCB11N60TMTR-ND	721.35/800		
		600	0.19	10	20	208	Single	FCB20N60TMCT-ND	2.91	23.26	180.92	FCB20N60TMTR-ND	1343.97/800		
		600	0.15	10	20	208	Single	FCB20N60FTMCT-ND	3.79	30.32	235.80	FCB20N60FTMTR-ND	1751.69/800		
		650	1.2	10	7	173	Single	FQB7N65CTMTCT-ND	1.23	9.79	73.40	FQB7N65CTMTTR-ND	528.47/800		
		P-Chan.	60	0.07	10	27	3.75	Single	FQB27P06TMCT-ND	.73	6.06	48.50	FQB27P06TMTR-ND	271.81/800	
		TO-3P — RoHS Compliant													
		12	N-Chan.	100	0.039	10	48	180	Single	FOA44N10-ND	.99	7.90	59.24	—	—
				200	0.082	10	32	204	Single	FOA32N20C-ND	1.07	8.57	64.25	—	—
				250	0.034	10	69	480	Single	FDA69N25-ND	3.38	26.99	209.89	—	—
				280	0.035	10	75	520	Single	FDA75N28-ND	3.64	29.11	226.45	—	—
				400	0.105	10	35	310	Single	FOA35N40-ND	2.85	22.84	177.67	—	—
				500	0.23	10	22	280	Single	FDA20N50-ND	2.30	18.43	143.31	—	—
				500	0.156	10	24	290	Single	FOA24N50-ND	2.45	19.60	152.46	—	—
				500	0.25	10	22	278	Single	SSH22N50A-ND	3.37	26.96	209.68	—	—
				500	0.31	10	16.5	205	Single	FDA16N50-ND	2.24	17.97	139.76	—	—
				600	0.19	10	20	208	Single	FCA20N60-ND	3.61	28.88	224.62	—	—
		P-Chan.	60	0.026	10	55	214	Single	FOA47P06-ND	1.45	11.62	87.12	—	—	
		TO-3PN — RoHS Compliant													
		13	N-Chan.	55	0.0065	10	75	288.5	Single	HUF75344A3-ND	1.68	13.47	104.79	—	—
				250	0.0292	10	64	357	Single	FDA2712-ND	3.96	31.71	267.57	—	—
				250	0.088	10	33	245	Single	FDA33N25-ND	1.20	9.58	71.87	—	—
				400	0.15	10	23	235	TO-3PN	FDA24N40F-ND	1.80	14.37	107.81	—	—
				500	0.22	10	19	239	Single	FDA18N50-ND	2.24	17.97	139.76	—	—
				500	0.22	10	22	388	TO-3PN	FDA20N50F-ND	1.67	13.33	103.67	—	—
		600	0.15	10	20	208	Single	FCA20N60F-ND	4.20	33.55	283.05	—	—		
		650	0.36	10	16	260	Single	FDA15N65-ND	1.82	14.51	112.82	—	—		
		TO-3PF — RoHS Compliant													
		14	N-Chan.	280	0.043	10	36	165	Single	FDAF62N28-ND	2.92	23.36	181.73	—	—
				280	0.035	10	46	215	Single	FDAF75N28-ND	3.64	29.11	226.45	—	—
				300	0.047	10	34	161	Single	FDAF59N30-ND	2.92	23.36	181.73	—	—
		TO-220 — RoHS Compliant													
		15	N-Chan.	40	0.0087	10	14	60	Single	FDP8447L-ND	.76	6.35	50.82	—	—
				60	0.0019	10	265	395	Single	FDP025N06-ND	2.80	22.35	173.80	—	—
				60	0.01	10	85	160	Single	FDP85N06-ND	1.21	9.67	72.53	—	—
				60	0.0046	10	80	242	Single	FDP5800-ND	1.20	9.58	71.87	—	—
				60	0.013	10	65	135	Single	FDP65N06-ND	.96	7.99	63.89	—	—
				60	0.0085	10	80	176	Single	FDP80N06-ND	.94	7.80	62.44	—	—
				60	0.017	10	52.4	121	Single	FQP50N06L-ND	.76	6.30	50.38	—	—
				60	0.018	10	50	120	Single	FQP50N06-ND	.76	6.30	50.38	—	—
				60	0.027	10	32	79	Single	FQP30N06L-ND	.60	5.05	40.37	—	—
				60	0.1	10	15	50	Single	NDP4060-ND	1.29	10.31	77.32	—	—
				60	0.1	2.7	15	50	Single	NDP4060L-ND	1.29	10.31	77.32	—	—
				60	0.18	5	12	48	Single	MTP3055VLS-ND	.60	4.99	39.93	—	—
				75	0.0038	10	164	268	Single	FDP047N08-ND	2.04	16.34	127.05	—	—
				75	0.0025	10	235	375	Single	FDP032N08-ND	2.69	21.56	167.71	—	—
				75	0.0094	10	75	137	Single	FDP75N08A-ND	.98	7.84	58.81	—	—
				100	0.023	10	57	160	Single	FQP70N10-ND	1.16	9.29	69.70	—	—
				100	0.0039	10	164	375	Single	FDP047N10-ND	2.69	21.56	167.71	—	—
				100	0.052	10	33	127	Single	FQP33N10-ND	.76	6.30	50.38	—	—
				100	0.0072	10	75	208	TO-220	FQP090N10-ND	2.16	17.25	134.16	—	—
				150	0.033	10	45.6	210	Single	FQP46N15-ND	1.16	9.26	69.48	—	—
		150	0.025	10	79	463	Single	F							

Multiple pinout configurations available, see Digi-Key web site for data sheet.

Fig.	Type	VDS (V)	RDS (on) Ω @ Voil.	ID (A)	PD (W)	Config. or Package	Digi-Key Part No.	1	100	Digi-Key Part No.	Tape & Reel Pricing		
15	N-Chan.	200	0.034	10	61	417	Single	FDP61N20-ND†	1.60	12.81	96.05	—	
		200	0.041	10	52	357	Single	FDP52N20-ND†	1.37	10.98	82.33	—	
		250	0.077	10	33	235	Single	FDP33N25-ND†	1.45	11.62	87.12	—	
		250	0.0363	10	50	260	TO-220	FDP2710-ND†	3.09	24.68	185.13	—	
		400	0.13	10	26	265	TO-220	FDP26N40-ND†	1.51	12.05	90.39	—	
		400	0.140	10	24	227	TO-220	FDP24N40-ND†	1.63	13.07	98.01	—	
		500	0.58	10	9	147	Single	FDP9N50-ND†	1.06	8.82	70.57	—	
		500	0.76	10	7	89	Single	FDP7N50-ND†	.99	7.88	59.13	—	
		500	0.55	10	6	165	Single	FDP12N50-ND†	1.07	8.58	64.36	—	
		500	0.31	10	16	200	Single	FDP16N50-ND†	1.91	15.29	118.92	—	
	500	0.22	10	18	235	Single	FDP18N50-ND†	1.97	15.81	122.98	—		
	600	—	—	4	—	—	—	495220TU-ND†	.65	4.90	36.77	—	
	600	0.38	10	11	125	Single	FCP11N60-ND†	1.68	13.46	104.69	—		
	600	0.19	10	20	208	Single	FCP20N60-ND†	2.91	23.26	180.92	—		
	P-Chan.	600	0.6	10	7	31	Single	FCP7N60-ND†	1.15	9.15	68.61	—	
600		1.0	10	3.9	50	Single	FCP4N60-ND†	1.18	9.38	70.35	—		
900		1.93	10	6	167	Single	FQP6N90C-ND†	.95	7.91	63.31	—		
60		0.094	10	17	79	Single	FQP17P06-ND†	.64	4.79	35.94	—		
60		0.055	10	27	120	Single	FQP27P06-ND†	.62	5.23	41.82	—		
60		0.026	10	47	160	Single	FQP47P06-ND†	1.26	10.06	75.47	—		
TO-220F — RoHS Compliant													
16	N-Chan.	60	0.008	10	53	62	Single	FOPF85N06-ND†	1.20	9.58	71.87	—	
		150	0.025	10	79	31	Single	FDPF79N15-ND†	1.97	15.81	122.98	—	
		200	0.056	10	39	59	Single	FDPF39N20-ND†	.98	7.84	58.81	—	
		250	0.0363	10	25	62.5	Single	FDPF2710T-ND†	2.06	16.47	128.07	—	
		250	0.077	10	20	94	Single	FDPF33N25T-ND†	1.42	11.40	85.49	—	
		250	0.048	10	28	117	Single	FDPF51N25-ND†	1.75	14.02	109.06	—	
		300	0.29	10	14	140	Single	FDPF14N30-ND†	1.05	8.73	69.84	—	
		350	0.32	10	7.5	50	Single	FDPF12N35-ND†	.80	6.68	53.43	—	
		500	1.25	10	4.5	28	TO-220F	FDPF5N50FT-ND†	.78	6.24	46.83	—	
		500	1.15	10	5	28	TO-220F	FDPF5N50T-ND†	.73	5.81	43.56	—	
		500	0.65	10	11.5	42	Single	FDPF12N50FT-ND†	1.02	8.54	68.30	—	
		500	0.55	10	6	42	Single	FDPF12N50T-ND†	1.07	8.58	64.36	—	
		500	0.42	10	12	42	Single	FDPF13N50FT-ND†	1.00	7.99	59.90	—	
		500	0.2	10	20	62	Single	FDPF20N50-ND†	2.07	16.53	128.57	—	
		500	0.2	10	20	62	Single	FDPF20N50T-ND†	2.03	16.18	125.83	—	
	500	0.22	10	18	58	Single	FDPF18N50-ND†	1.87	14.91	115.97	—		
	500	0.22	10	18	58	Single	FDPF18N50T-ND†	2.03	16.18	125.83	—		
	500	0.31	10	16	52	Single	FDPF16N50-ND†	1.80	14.37	111.80	—		
	500	0.31	10	16	38.5	Single	FDPF16N50T-ND†	1.96	15.68	121.97	—		
	500	0.43	10	13	48	Single	FOPF13N50CFT-ND†	1.50	11.98	89.84	—		
	500	0.5	10	10	143	Single	FOPF10N50CFT-ND†	1.50	11.98	89.84	—		
	600	0.9	10	7	89	Single	FDPF7N50-ND†	1.00	7.99	59.90	—		
	600	0.19	10	20	39	Single	FCPF20N60-ND†	2.91	23.26	180.92	—		
	600	0.22	10	16	37.9	Single	FCPF16N60-ND†	3.26	26.06	202.67	—		
	600	0.38	10	11	36	Single	FCPF11N60-ND†	1.67	13.33	103.67	—		
	600	0.6	10	7	31	Single	FCPF7N60-ND†	1.36	10.89	81.68	—		
	600	0.6	10	9	169	Single	FOPF10N60CFT-ND†	1.50	11.98	89.84	—		
	800	1.29	10	8	59	Single	FOPF8N80CYDTU-ND†	1.60	12.78	95.83	—		
	800	2.1	10	5.5	51	Single	FOPF6N80CT-ND	1.18	9.38	70.35	—		
	800	2.5	10	5.5	51	Single	FOPF6N80C-ND†	.83	6.93	55.47	—		
TO252-4L — RoHS Compliant													
17	N-Chan.	40	0.024	10	9	3.1	Dual	FDD8424HCT-ND	.70	5.23	39.20	FDD8424HTR-ND	566.28/2,500
SC75-6 — RoHS Compliant													
18	N-Chan.	20	0.035	4.5	5.5	1.6	Single	FDJ128NCT-ND	.72	5.99	47.92	FDJ128NTR-ND	934.36/3,000
	P-Chan.	20	0.07	4.5	4.2	1.6	Single	FDJ129PCT-ND	.72	5.99	47.92	FDJ129PTR-ND	934.36/3,000
SC70-6 — RoHS Compliant													
19	N-Chan.	25	2.6	4.5	0.22	0.3	Dual	FDG6301NCT-ND	.36	2.86	19.60	FDG6301NTR-ND	277.70/3,000
		30	0.4	4.5	0.75	0.36	Dual	FDG8850NZCT-ND	.44	3.27	24.50	FDG8850NZTR-ND	424.71/3,000
		60	1.6	5	1.43	0.2	SC70-6	2N7002DWCT-ND	.23	1.82	12.78	2N7002DWTR-ND	156.82/3,000
	P-Chan.	12	0.27	4.5	0.7	0.3	Single	FDG6316PCT-ND	.36	2.86	19.60	FDG6316PTR-ND	278.78/3,000
		20	0.073	4.5	2.6	0.75	Single	FDG332PCT-ND	.36	2.86	19.60	FDG332PTR-ND	278.78/3,000
		20	0.42	4.5	0.6	0.3	Single	FDG6306PCT-ND	.33	2.58	19.38	FDG6306PTR-ND	261.36/3,000
	N-Chan.	25	0.45	4.5	0.5	0.3	Dual	FDG6321CCT-ND	.41	3.28	24.61	FDG6321CTR-ND	333.23/3,000
		25	1.1	4.5	0.41	0.3	Dual	FDG6321CCT-ND	.41	3.28	24.61	FDG6321CTR-ND	333.23/3,000
	N-Chan.	20	0.3	4.5	0.7	0.3	Dual	FDG6332CCT-ND	.42	3.34	25.05	FDG6332CTR-ND	337.59/3,000
		20	0.42	4.5	0.6	0.3	Dual	FDG6332CCT-ND	.42	3.34	25.05	FDG6332CTR-ND	337.59/3,000
	N-Chan.	30	0.4	4.5	0.75	0.36	Dual	FDG8842CZCT-ND	.44	3.27	24.50	FDG8842CZTR-ND	424.71/3,000
		25	1.1	4.5	0.41	0.3	Dual	FDG8842CZCT-ND	.44	3.27	24.50	FDG8842CZTR-ND	424.71/3,000
SC89-6 — RoHS Compliant													
20	N-Chan.	20	0.3	4.5	0.6	0.625	Dual	FDY4000CZCT-ND	.33	2.67	18.30	FDY4000CZTR-ND	259.18/3,000
	P-Chan.	20	0.5	4.5	0.35	0.625	Dual	FDY4000CZCT-ND	.33	2.67	18.30	FDY4000CZTR-ND	259.18/3,000
	N-Chan.	20	5 (max)	4.5	0.2	0.625	Dual	FDY4001CZCT-ND	.30	2.48	16.99	FDY4001CZTR-ND	240.67/3,000
P-Chan.	20	8 (max)	4.5	0.15	0.625	Dual	FDY4001CZCT-ND	.30	2.48	16.99	FDY4001CZTR-ND	240.67/3,000	
8-SOP — RoHS Compliant													
21	N-Chan.	400	3.2	10	0.45	2.0	Dual	FQS4901TFCT-ND	.60	5.05	40.37	FQS4901TFTR-ND	787.13/3,000
8-TSSOP — RoHS Compliant													
22	N-Chan.	20	0.014	4.5	6	1	Compl.	FDW2520CCT-ND	.72	6.01	48.06	FDW2520CTR-ND	780.99/2,500
	P-Chan.	20	0.028	4.5	4.4	1	Compl.	FDW2520CCT-ND	.72	6.01	48.06	FDW2520CTR-ND	780.99/2,500
P-Chan.	12	0.015	4.5	6	1.6	Dual	FDW2508PBCT-ND	.65	4.87	36.54	FDW2508PBTR-ND	527.82/2,500	
I-PAK (TO-251AA)													
23	N-Chan.	20	0.0066	10	35	49.5	Single	FDU8580-ND†	.48	3.59	26.96	—	
		20	0.004	10	35	77	Single	FDU8586-ND†	.62	4.62	34.63	—	
		25	0.0033	10	35	115	Single	FDU8770-ND†	.85	7.08	56.63	—	
		25	0.0065	10	35	50	Single	FDU8780-ND†	.40	2.98	22.38	—	
		25	0.0045	10	35	88	SynofET	FDU8796-ND†	.61	4.57	34.30	—	
		25	0.0116	10	35	39	Single	FDU8778-ND†	.35	2.61	19.60	—	
		25	0.0085	10	35	50	Single	FDU8782-ND†	.46	3.48	26.14	—	
		60	0.063	10	17	49	Single	RFD12N06RLE-ND†	.73	5.42	40.68	—	
		50	0.1	10	14	48	Single	RFD14N05-ND†	.55	4.14	31.04	—	
		50	0.1	2.5	14	48	Single	RFD14N05L-ND†	.57	4.23	31.69	—	
		50	0.047	10	16	72	Single	RFD16N05-ND†	.62	5.15	41.24	—	
		60	0.107	2.5	11	3	Single	RFD3055LE-ND†	.55	4.16	31.20	—	
		200	0.8	10	4.6	50	Single	IRFU220FS-ND†	.57	4.75	37.98	—	
		400	2.8	10	2.0	30	Single	FDU3N40TU-ND†	.49	3.70	27.77	—	
		600	0.81	10	4.6	54	Single	FCU5N60TU-ND†	1.02	8.20	61.53	—	

◆ RoHS Compliant ▲ Tape and Box † Bulk § See data sheet for pin out (Continued)

Fig. 28 — 12-BGA

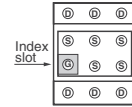


Fig. 29 — BGA 2.5 x 4.0

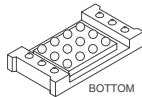


Fig. 30 — FLFBGA 3.5 x 4.0

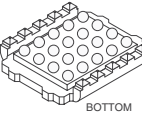


Fig. 31 — MicroFET 2x2

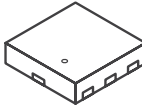


Fig. 32 — MicroFET 3.0 x 1.9

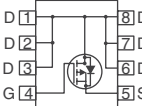


Fig.	Type	VDS (V)	RDS (on) Ω @ Volt.	ID (A)	PD (W)	Config. or Package	Digi-Key Part No.	1	Cut Tape Pricing 10	100	Digi-Key Part No.	Tape & Reel Pricing	
23	P-Chan.	600	2.8	10	2.4	50	Single	FOU3N60CTU-ND	.65	5.37	42.98	—	
		600	0.53	10	7	83	Single	FCU7N60TU-ND	1.26	10.02	75.14	—	
		60	0.11	10	12	2.5	Single	FOU17P06TU-ND	.61	4.55	34.14	—	
		60	0.185	10	9.4	2.5	Single	FOU11P06TU-ND	.49	3.66	27.44	—	
		12-PAK — RoHS Compliant											
23	N-Chan.	250	0.077	10	33	235	Single	FDI33N25TU-ND	1.52	12.20	91.48	—	
		250	0.22	10	15.6	3.13	Single	FOI16N25CTU-ND	1.08	8.99	71.87	—	
		900	2.7	10	4.2	140	Single	FOI4N90TU-ND	1.07	8.89	71.15	—	
MLP 5x6 — RoHS Compliant													
24	N-Chan.	30	0.004	10	35	50	SynofET	FDM8672SCT-ND	.73	6.10	48.79	FDM8672STR-ND	951.35/3,000
		30	0.0028	10	42	78	SynofET	FDM8670SCT-ND	.87	7.25	57.93	FDM8670STR-ND	1129.73/3,000
		30	0.0074	10	14	2.8	Single	FDM8690CT-ND	1.00	7.99	59.90	FDM8690TR-ND	1533.31/3,000
		30	0.0019	10	40	83	SynofET	FDM8660SCT-ND	1.05	8.42	63.16	FDM8660STR-ND	1616.95/3,000
		30	0.0215	10	7.5	2.5	Dual	FDM89620SCT-ND	.60	4.96	39.64	FDM89620STR-ND	772.97/3,000
		60	0.0094	10	22	78	Single	FDM85672CT-ND	.99	7.93	59.46	FDM85672TR-ND	1522.16/3,000
		80	0.0135	10	22	78	Single	FDM83572CT-ND	.91	7.32	54.89	FDM83572TR-ND	1405.07/3,000
		100	0.019	10	22	78	Single	FDM83672CT-ND	1.07	8.54	64.03	FDM83672TR-ND	1639.25/3,000
		150	0.036	10	4.5	2.8	Single	FDM82572CT-ND	1.20	9.58	71.87	FDM82572TR-ND	1839.97/3,000
		200	0.064	10	20	78	Single	FDM82672CT-ND	1.15	9.15	68.61	FDM82672TR-ND	1756.34/3,000
250	0.105	10	14	78	Single	FDM82734CT-ND	1.15	9.15	68.61	FDM82734TR-ND	1756.34/3,000		
MLP 3.3x3.3 — RoHS Compliant													
25	N-Chan.	20/20	0.058/0.067	4.5	4	1.92/1.78	Dual	FDMC6890NCT-ND	.57	4.76	38.12	FDMC6890NTR-ND	743.24/3,000
		20	0.0036	10	16.5	41	Single	FDMC8554CT-ND	.76	6.29	50.31	FDMC8554TR-ND	981.08/3,000
		20	0.0096	10	16.5	31	Single	FDMC8878CT-ND	.67	5.03	37.74	FDMC8878TR-ND	654.05/3,000
		60	0.084	10	5.7	6	Single	FDMC5614PCT-ND	.70	5.81	46.46	FDMC5614PTR-ND	906.05/3,000
		150	1.1	10	3	25	Single	FDMC2523PCT-ND	.57	4.72	37.75	FDMC2523PTR-ND	736.16/3,000
		200	0.175	10	9.5	42	Single	FDMC2610CT-ND	.73	6.10	48.79	FDMC2610TR-ND	951.35/3,000
220	0.305	10	1	2.4	Single	FDMC2674CT-ND	.76	6.35	50.82	FDMC2674TR-ND	990.99/3,000		
MLP 3x3 — RoHS Compliant													
26	N-Chan.	30	0.0057	10	15	2.0	Single	FDMC8854CT-ND	1.08	8.99	71.87	FDMC8854TR-ND	1401.54/3,000
—	N-Chan.	100	0.06	10	4.4	2.1	Single	FDM622CT-ND	.81	6.72	53.72	FDM622TR-ND	1047.62/3,000
		30	0.0105	10	11.5	2.1	Single	FDM6296CT-ND	.65	5.45	43.56	FDM6296TR-ND	849.42/3,000
9-BGA — RoHS Compliant													
27	P-Chan.	20	0.031	4.5	4.6	1.7	Single	FDZ291PCT-ND	.41	3.05	22.87	FDZ291PTR-ND	1270.50/10,000
		20	0.036	4.5	4.6	1.7	Single	FDZ493PCT-ND	.58	4.33	32.51	FDZ493PTR-ND	563.45/3,000
		N-Chan.	20	0.023	4.5	6	1.7	Single	FDZ294NCT-ND	.65	5.45	43.56	FDZ294NTR-ND
12-BGA — RoHS Compliant													
28	N-Chan.	60	0.06	5	4	2	Single	FDZ209NCT-ND	1.10	8.78	65.88	FDZ209NTR-ND	1686.64/3,000
BGA 2.5x4.0 — RoHS Compliant													
29	N-Chan.	30	0.0085	10	11	2.1	Single	FDZ7296CT-ND	.83	6.90	55.18	FDZ7296TR-ND	1075.93/3,000
—	N-Chan.	20	0.018	4.5	9	2	Single	FDZ201NCT-ND	.68	5.63	45.01	FDZ201NTR-ND	877.73/3,000
FLFBGA 3.5x4.0 — RoHS Compliant													
30	N-Chan.	30	0.0018	10	25	2.5	SynofET	FDZ4670SCT-ND	1.35	11.25	90.02	FDZ4670STR-ND	1755.47/3,000
MicroFET 2x2 — RoHS Compliant													
31	N-Chan.	20	0.037	4.5	3.7	1.4	Dual	FDMA1028NCT-ND	.38	2.83	21.24	FDMA1028NTR-ND	368.08/3,000
		20	0.037	4.5	3.7	1.4	Mostet w/ Diode	FDMA2N028ZCT-ND	.40	2.98	22.30	FDMA2N028ZTR-ND	386.49/3,000
		30	0.075	4.5	2.9	1.5	Dual	FDMA2002NCT-ND	.44	3.27	24.50	FDMA2002NTR-ND	424.71/3,000
		30	0.075	4.5	2.9	1.5	—	FDMA3N109CT-ND	.35	2.61	19.60	FDMA3N109TR-ND	339.77/3,000
		20	0.06	4.5	3.1	1.4	Dual	FDMA1029PCT-ND	.41	3.05	22.87	FDMA1029PTR-ND	396.40/3,000
		20	0.06	4.5	3.7	1.5	Dual	FDMA1023PCT-ND	.43	3.20	24.02	FDMA1023PTR-ND	416.22/3,000
	P-Chan.	20	0.036	4.5	6.6	2.4	Single	FDMA291PCT-ND	.39	2.94	22.06	FDMA291PTR-ND	382.24/3,000
		20	0.026	4.5	7.3	2.4	Single	FDMA520PCT-ND	.40	2.98	22.30	FDMA520PTR-ND	386.49/3,000
		20	0.088	4.5	3.1	1.4	Dual	FDMA1025PCT-ND	.40	2.98	22.30	FDMA1025PTR-ND	386.49/3,000
		20	0.09	4.5	2.2	1.4	Dual	FDMA1027PCT-ND	.63	4.73	35.45	FDMA1027PTR-ND	614.20/3,000
		20	0.09	4.5	3	1.4	Mostet w/ Diode	FDMA2P857CT-ND	.57	4.25	31.86	FDMA2P857TR-ND	552.12/3,000
		20	0.06	4.5	3.1	1.4	Mostet w/ Diode	FDMA2P029ZCT-ND	.40	2.98	22.30	FDMA2P029ZTR-ND	386.49/3,000
		30	0.03	10	6.8	2.4	Single	FDMA530PCT-ND	.43	3.20	24.02	FDMA530PTR-ND	416.22/3,000
		N-Chan. P-Chan.	20	0.037 0.06	4.5 4.5	3.7 3.1	1.4 1.4	Compl.	FDMA1032CCT-ND	.41	3.05	22.87	FDMA1032CZTR-ND
MicroFET 3.0x1.9 — RoHS Compliant													
32	P-Chan.	20	0.035	4.5	6.1	1.9	Single	FDMB668PCT-ND	.43	3.20	24.02	FDMB668PTR-ND	416.22/3,000
MicroFET SC-75 — RoHS Compliant													
33	P-Chan.	20	0.093	4.5	2.9	1.4	Dual	FDMJ1023PZCT-ND	.68	5.10	38.22	FDMJ1023PZTR-ND	662.55/3,000
8-WLCSP (BGA 2x2) — RoHS Compliant													
34	P-Chan.	20	0.066	4.5	3	1.5	Single	FDZ193PCT-ND	.38	2.86	21.45	FDZ193PTR-ND	607.69/5,000
		20	0.067	4.5	3	1.5	Single	FDZ191PCT-ND	.38	2.83	21.24	FDZ191PTR-ND	601.67/5,000
Power 33 — RoHS Compliant													
35	N-Chan.	30	0.008	10	18	27	Single	FDMC8296CT-ND	.83	6.90	55.18	FDMC8296TR-ND	1075.93/3,000
		40	0.0058	10	20	41	Single	FDMC8462CT-ND	.91	7.26	54.45	FDMC8462TR-ND	1393.92/3,000
	30	0.0043	10	18	41	Power 33	FDMC8678SCT-ND	.98	8.17	65.34	—	—	
	P-Chan.	30	0.02	10	18	31	Single	FDMC4435BZCT-ND	.58	4.36	32.67	FDMC4435BZTR-ND	566.28/3,000
Power 56 — RoHS Compliant													
36	N-Chan.	30	0.0026	10	42	78	Single	FDM8670CT-ND	1.16	9.29	69.70	FDM8670TR-ND	1784.22/3,000
		30	0.004	10	28	70	Power 56	FDM8672ASCT-ND	.87	7.26	58.08	FDM8672ASTR-ND	1245.82/3,000
		30	0.0055	10	35	50	Single	FDM8680CT-ND	.58	4.81	38.48	FDM8680TR-ND	751.41/3,000
		30	0.007	10	28	41	Single	FDM8692CT-ND	.54	4.54	36.30	FDM8692TR-ND	707.85/3,000
		40	0.002	10	49	104	Power 56	FDM8460CT-ND	1.45	11.62	87.12	FDM8460TR-ND	2230.27/3,000
		60	0.067	10	49	104	Single	FDM85352CT-ND	1.18	9.44	70.79	FDM85352TR-ND	1812.10/3,000
		75	0.0145	10	49	96	Single	FDM83500CT-ND	1.47	11.76	88.21	FDM83500TR-ND	2258.15/3,000
100	0.0148	10	49	104	Single	FDM83662CT-ND	1.33	10.60	79.50	FDM83662TR-ND	2035.12/3,000		
DPAK 4 — RoHS Compliant													
37	N-Chan. P-Chan.	80 80	0.08 0.19	10 10	13.9 9.4	35 32	Dual	FDD3510HCT-ND	.76	6.35	50.82	FDD3510HTR-ND	825.83/2,500

◆ RoHS Compliant ▲ Tape and Box † Bulk § See data sheet for pin out

Multiple pinout configurations available, see Digi-Key web site for data sheet.

Fig. 33 — MicroFET SC-75

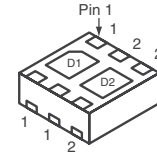


Fig. 34 — 8-WLCSP (BGA 2x2)

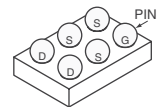


Fig. 35 — Power 33

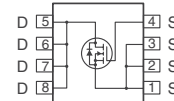


Fig. 36 — Power 56

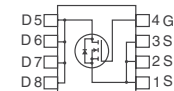


Fig. 37 — DPAK 4

