



Surface Mount and Through-Hole Power MOSFETS (Cont.)



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

Fig.	Type	VDS (V)	RDS (on)		ID (A)	PD (W)	Configuration	Digi-Key Part No.	Cut Tape Pricing			Digi-Key Part No.	Tape and Reel		
			Ω	@ Volt.					1	10	100		Qty.	Pricing	
6	N-Chan.	60	1.6	5	115	200	Single	2N7002TCT-ND	.42	2.99	19.95	2N7002TTR-ND	3,000	71.87/M	
	N-Chan.	60	7.5	—	0.28	—	Single	2N7002VACT-ND	.40	3.11	21.33	2N7002VATR-ND	3,000	90.05/M	
	N-Chan.	60	7.5	—	0.28	—	Single	2N7002VCT-ND	.40	3.11	21.33	2N7002VTR-ND	3,000	90.05/M	
	P-Chan.	20	0.5	4.5	.350	0.625	Single	FDY100PZCT-ND	.51	3.64	21.86	FDY100PZTR-ND	3,000	72.70/M	
<b>SC89-3 — RoHS Compliant</b>															
6	P-Chan.	20	0.008	4.5	0.150	0.625	Single	FDY101PZCT-ND	.41	2.93	19.54	FDY101PZTR-ND	3,000	78.48/M	
	P-Chan.	20	0.28	—	0.830	0.625	Single	FDY102PZCT-ND	.41	2.93	19.54	FDY102PZTR-ND	3,000	70.22/M	
<b>SOT-563F — RoHS Compliant</b>															
7	N-Chan.	20	0.25	4.5	0.600	0.625	Dual	FDY3000NZCT-ND	.38	3.02	20.65	FDY3000NZTR-ND	3,000	87.57/M	
<b>Through-Hole Power MOSFET (TO-220AB)</b>															
8	N-Chan.	30	0.012	10	40	40.5	Single	FDP8878-ND	.76	6.72	53.13	—	—	—	
	N-Chan.	30	0.0019	10	80	254	Single	FDP8860-ND	2.02	18.22	146.38	—	—	—	
	N-Chan.	40	0.0021	10	80	300	Single	FDP8441-ND	2.37	21.38	171.79	—	—	—	
	N-Chan.	50	—	—	0.03	75	Single	BUZ11_NR4941-ND	.97	8.55	67.60	—	—	—	
	N-Chan.	50	0.015	10	75	150	Single	NDP7050-ND	6.44	57.88	475.91	—	—	—	
	N-Chan.	55	0.028	10	35	93	Single	HUF75321P3-ND	.85	7.50	59.31	—	—	—	
	N-Chan.	55	0.01	10	75	200	Single	HUF75339P3-ND	1.43	12.64	99.88	—	—	—	
	N-Chan.	55	0.006	10	75	325	Single	HUF75345P3-ND	2.07	18.70	150.28	—	—	—	
	N-Chan.	60	0.014	10	70	150	Single	RFP70N06-ND	1.43	12.87	103.44	—	—	—	
	N-Chan.	60	0.0035	10	80	310	Single	FDP038AN06A0-ND	3.16	28.19	231.17	—	—	—	
	N-Chan.	60	0.022	10	50	131	Single	RFP50N06-ND	1.25	11.03	87.13	—	—	—	
	N-Chan.	60	0.047	2.5	30	96	Single	RFP30N06LE-ND	.90	7.96	62.91	—	—	—	
	N-Chan.	60	0.025	10	48	100	Single	NDP6060-ND	1.48	13.33	107.15	—	—	—	
	N-Chan.	60	0.025	2.7	48	100	Single	NDP6060LE-ND	1.48	13.36	107.34	—	—	—	
	N-Chan.	60	0.015	10	75	150	Single	NDP7060-ND	2.35	20.97	171.96	—	—	—	
	N-Chan.	60	0.0043	10	80	245	Single	FDP050AN06A0-ND	2.45	22.10	177.60	—	—	—	
	N-Chan.	75	0.004	10	80	310	Single	FDP047AN08A0-ND	3.38	30.14	247.17	—	—	—	
	N-Chan.	80	0.01	10	75	270	Single	HUF75545P3-ND	2.56	23.10	185.62	—	—	—	
	N-Chan.	100	0.2	2.5	12	60	Single	RFP12N10L-ND	.74	6.51	51.42	—	—	—	
	N-Chan.	100	0.015	10	80	255	Single	FDP3651U-ND	2.02	18.30	147.05	—	—	—	
	N-Chan.	100	0.0075	10	80	310	Single	FDP3632-ND	2.99	26.67	218.72	—	—	—	
	N-Chan.	100	0.021	10	56	200	Single	HUF75639P3-ND	1.59	14.33	115.15	—	—	—	
	N-Chan.	100	0.0115	10	75	310	Single	HUF75645P3-ND	2.42	21.86	175.65	—	—	—	
	N-Chan.	100	0.014	10	61	150	Single	FDP3652-ND	2.35	21.28	171.00	—	—	—	
	N-Chan.	105	0.025	10	41	135	Single	FDP3672-ND	1.39	12.51	100.52	—	—	—	
	N-Chan.	150	0.014	10	79	310	Single	FDP2532-ND	3.11	27.76	227.61	—	—	—	
	<b>Through-Hole Power MOSFET (TO-92) — RoHS Compliant</b>														
	9	N-Chan.	25	—	—	0.01	0.625	Single	J310-ND	.39	2.78	16.33	—	—	—
N-Chan.		25	—	—	0.05	0.350	Single	2N3819-ND	.52	3.54	16.48	—	—	—	
N-Chan.		30	—	—	0.1	0.350	Single	BF245BFS-ND	.53	3.59	16.77	—	—	—	
N-Chan.		30	—	—	—	0.350	Single	BF245CFS-ND	.53	3.59	16.77	—	—	—	
N-Chan.		30	30	—	0.5	—	Single	PN4392FS-ND	.35	2.49	14.67	—	—	—	
N-Chan.		35	30	0.1	0.05	0.625	Single	J111FS-ND	.39	2.78	16.37	—	—	—	
N-Chan.		35	50	0.1	0.05	0.625	Single	J112FS-ND	.39	2.78	16.37	—	—	—	
N-Chan.		40	—	—	0.05	0.625	Single	J201-ND	.35	2.50	14.75	—	—	—	
N-Chan.		60	5	10	0.2	0.4	Single	2N7000FS-ND	.35	2.49	14.71	—	—	—	
N-Chan.		60	1.2	10	0.2	0.4	Single	2N7000_D26ZCT-ND	.56	3.83	18.04	2N7000_D26ZTR-ND	2,000	52.87/M	
N-Chan.		60	5	10	0.5	0.83	Single	BS170-ND	.37	2.65	15.63	—	—	—	
N-Chan.		60	1.2	10	0.5	0.83	Single	BS170_D27ZCT-ND	.41	2.95	17.70	BS170_D27ZTR-ND	2,000	58.66/M	
N-Chan.		60	1.2	10	0.5	0.83	Single	BS170_D75ZCT-ND	.41	2.95	17.70	BS170_D75ZTR-ND	2,000	58.99/M	
N-Chan.		500	4.6	10	0.38	0.89	Single	FQN1N50CTACT-ND	.43	3.42	25.63	FQN1N50CTATB-ND	2,000	120.37/M	
N-Chan.		600	9.3	10	0.3	1	Single	FQN1N60CTACT-ND	.45	3.54	26.53	FQN1N60CTATB-ND	2,000	124.59/M	
P-Chan.		30	85	0.1	0.05	0.35	Single	J175FS-ND	.33	2.60	17.84	—	—	—	
P-Chan.		30	125	0.1	0.05	0.35	Single	J176FS-ND	.33	2.60	17.84	—	—	—	
<b>TO-262AB — RoHS Compliant</b>															
10	N-Chan.	40	0.0022	10	80	300	Single	FDI8441-ND	2.42	21.84	175.50	—	—	—	
	N-Chan.	60	0.0019	10	265	395	Single	FDI025N06-ND	4.16	37.13	304.49	—	—	—	
<b>TO-247 — RoHS Compliant</b>															
11	N-Chan.	55	0.0065	10	75	285	Single	HUF75344G3-ND	2.45	22.06	177.21	—	—	—	
	N-Chan.	55	0.007	10	75	325	Single	HUF75345G3-ND	2.98	26.65	218.54	—	—	—	
	N-Chan.	100	0.008	10	75	515	Single	HUF75652G3-ND	5.49	49.01	401.87	—	—	—	
	N-Chan.	500	0.11	10	44	750	Single	FDH44N50-ND	7.58	68.23	561.00	—	—	—	
	N-Chan.	1000	1.45	10	8	225	Single	FQH8N100C-ND	3.33	29.71	243.61	—	—	—	
<b>D-PAK (TO-252, TO-252AA) — RoHS Compliant</b>															
12	N-Chan.	20	0.004	10	35	77	Single	FDD8586CT-ND	.74	6.39	50.48	FDD8586TR-ND	2,500	243.70/M	
	N-Chan.	20	0.0066	10	35	49.5	Single	FDD8580CT-ND	.55	4.75	37.47	FDD8580TR-ND	2,500	180.92/M	
	N-Chan.	25	0.0033	10	35	115	Single	FDD8770CT-ND	1.38	12.33	97.89	FDD8770TR-ND	2,500	507.23/M	
	N-Chan.	25	0.0040	10	50	50	Single	FDD6770ACT-ND	1.00	8.95	71.01	FDD6770ATR-ND	2,500	413.06/M	
	N-Chan.	25	0.0045	10	35	88	Single	FDD8796CT-ND	.76	6.59	52.04	FDD8796TR-ND	2,500	251.96/M	
	N-Chan.	25	0.0057	10	20	—	Single	FDD6796ACT-ND	.81	7.25	57.58	FDD6796ATR-ND	2,500	340.36/M	
	N-Chan.	25	0.0065	10	35	50	Single	FDD8780CT-ND	.69	5.93	46.84	FDD8780TR-ND	2,500	226.36/M	
	N-Chan.	25	0.0075	10	—	—	Single	FDD6776ACT-ND	.76	6.77	53.74	FDD6776ATR-ND	2,500	315.58/M	
	N-Chan.	25	0.0085	10	35	50	Single	FDD8782CT-ND	.65	5.60	44.24	FDD8782TR-ND	2,500	213.96/M	
	N-Chan.	25	0.0085	10	16.5	33	Single	FDD6780CT-ND	.60	5.20	41.09	—	—	—	
	N-Chan.	25	0.0086	10	30	32.6	Single	FDD6780ACT-ND	.73	6.53	51.82	FDD6780ATR-ND	2,500	291.62/M	
	N-Chan.	25	0.0105	10	14.9	—	Single	FDD6782ACT-ND	.72	6.40	50.86	FDD6782ATR-ND	2,500	291.62/M	
	N-Chan.	25	0.0116	10	35	39	Single	FDD8778CT-ND	.57	4.58	34.35	FDD8778TR-ND	2,500	161.09/M	
	N-Chan.	25	0.0140	10	10	24	Single	FDD6778ACT-ND	.68	6.04	47.98	FDD6778ATR-ND	2,500	289.14/M	
	N-Chan.	30	0.0077	10	12	56	Single	FDD6690ACT-ND	1.02	9.05	71.91	FDD6690ATR-ND	2,500	372.58/M	
	N-Chan.	30	0.028	10	21	28	Single	FDD6630ACT-ND	.61	5.27	41.64	FDD6630ATR-ND	2,500	201.57/M	
	N-Chan.	35	0.0082	10	15	55	Single	FDD6635CT-ND	.80	7.14	56.68	FDD6635TR-ND	2,500	294.10/M	
	N-Chan.	40	0.004	10	20	153	Single	FDD8444CT-ND	1.39	12.38	98.36	FDD8444TR-ND	2,500	509.71/M	
	N-Chan.	40	0.004	10	20	153	Single	FDD8444_F085CT-ND	1.92	16.40	133.89	FDD8444_F085TR-ND	2,500	737.71/M	
	N-Chan.	40	0.0058	10	16.4	65	Single	FDD8453LZCT-ND	1.12	9.98	79.26	FDD8453LZTR-ND	2,500	297.40/M	
	N-Chan.	40	0.0067	10	70	79	Single	FDD8445CT-ND	.93	8.26	65.58	FDD8445TR-ND	2,500	340.36/M	
	N-Chan.	40	0.007	10	15.2	45	Single	FDD8447LCT-ND	.89	7.96	63.24	FDD8447LTR-ND	2,500	327.96/M	
	N-Chan.	40	0.009	10	—	—	Single	FDD8647LCT-ND	.83	7.38	58.55	FDD8647LTR-ND	2,500	304.01/M	
	N-Chan.	40	0.019	10	9	37	Single	FDD8451CT-ND	.88	7.58	59.85	FDD8451TR-ND	2,500	289.14/M	
	N-Chan.	50	0.047	2.5	16	60	Single	RFD16N05LSM-ND	.88	7.80	61.63	—	—	—	
	N-Chan.	50	0.047	5	1										