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Fig.	VDS (V)	RDS (on) (Ω)	ID (A)	IDM (A)	PD (W)	Digi-Key Part No.	Cut Tape Pricing	Tape and Reel Qty.	Reel Pricing	
							1	10	100	
N-Channel										
TO-92 — RoHS Compliant										
1	60	5	.2	.5	.350	2N7000RLRAGOSCT-ND	.50	3.54	23.60	
	60	5	.2	.5	.350	2N7000GOS-ND†	.45	3.16	20.77	
	60	7.5	.15	1	4.00	VN2222LLGOS-ND†	.47	3.97	29.74	
	60	5	0.500	—	.350	BS170RLRAGOSCT-ND	.48	3.77	25.78	
	200	6.4	.250	.5	.350	BS170GOS-ND†	.43	3.77	23.14	
240	10	.200	.500	.350	BS170ALGOS-ND†	.48	3.77	25.77		
						VN2222LLGOS-ND†	.78	6.98	55.16	
TO-247AE — RoHS Compliant										
3	200	.075	.32	128	180	MTW32N02GOS-ND†	7.23	65.06	534.90	
SOT-23 — RoHS Compliant										
5	20	.08	3.2	10	1.25	NTR450N1T1GOSCT-ND	.47	3.70	25.33	
	20	1	.300	0.75	225	MMBF0201NLT1GOSCT-ND	.43	3.36	23.00	
	20	.090	.750	2	4.00	MGSF1N02LT1GOSCT-ND	.45	3.56	26.72	
	20	.085	2.8	5	1.25	MGSF2N02ELT1GOSCT-ND	.45	3.63	27.26	
	30	.14	1.5	6	7.3	NTR450N1T1GOSCT-ND	.47	3.70	25.33	
	30	.100	1.6	2	4.00	MGSF1N03LT1GOSCT-ND	.45	3.63	27.26	
	30	1.0	.500	1.7	.83	NTR400N1T1GOSCT-ND	.51	3.50	16.49	
	30	1.0	.500	1.7	.83	NTR400N3T3GOSCT-ND	.51	3.50	16.49	
	50	3.5	.200	0.8	225	BSS138LT1GOSCT-ND	.56	3.82	17.99	
	60	1.6	.320	1.5	300	2N7002KT1GOSCT-ND	.36	2.41	11.35	
6	60	3.0	.260	1.2	300	2N7002ET1GOSCT-ND	.40	2.67	11.60	
	60	5	0.5	0.8	225	MMBF170LT1GOSCT-ND	.36	2.59	15.58	
	60	7.5	.115	0.8	225	2N7002LT1GOSCT-ND	.36	2.49	11.71	
	100	6	0.17	0.68	225	BSS123LT1GOSCT-ND	.56	3.82	17.99	
SOT-223 — RoHS Compliant										
4	40	.090	6	—	1.1	NIF62514T1GOSCT-ND	1.73	14.87	121.44	
	42	.2	2	—	1.1	NIF5002NT1GOSCT-ND	.80	6.91	54.52	
	42	.053	14	—	1.25	NIF5003NT1GOSCT-ND	1.19	10.67	84.76	
	60	.0175	2.0	6.0	2.1	NTF3055L175T1GOSCT-ND	.61	4.91	36.80	
	60	1.00	3	9	2.1	NTF3055S-100T1GOSCT-ND	.59	5.15	40.71	
60	1.7	0.3	—	0.8	MMF1960T1GOSCT-ND	.74	6.32	49.86		
SOT-323 — RoHS Compliant										
7	20	1	.300	.750	150	MMBF2201NT1GOSCT-ND	.48	3.41	22.72	
	30	1.5	.27	20	.33	NTS4001NT1GOSCT-ND	.40	2.89	17.35	
	60	1.6	.310	1.4	230	2N7002WTT1GOSCT-ND	.40	2.67	12.56	
SOT-416 — RoHS Compliant										
7	20	1.5	.238	.714	.30	NTA4001NT1GOSCT-ND	.36	2.57	15.42	
	20	.23	.915	1.3	.30	NTA4153NT1GOSCT-ND	.44	3.46	23.69	
SC-89 — RoHS Compliant										
8	20	.23	.915	1.3	.30	NTE4153T1GOSCT-ND	.45	3.19	21.28	
TSOP-6 — RoHS Compliant										
9	20	.045	2.5	10	.5	NTGS3446T1GOSCT-ND	.47	3.68	25.13	
	30	.0215	3.5	21	.5	NTGS4141NT1GOSCT-ND	.47	3.68	25.13	
DPAK										
10	24	.005	80	200	75	NTD80N02T4GOSCT-ND	.64	5.53	43.64	
	DPAK — RoHS Compliant									
	24	.0037	12.5	—	92.5	NTD110N02RT4GOSCT-ND	1.03	9.27	73.61	
		.0027	20	60	1.75	NTD20N03L27T4GOSCT-ND	.88	7.53	59.48	
		.0057	69	125	71	NTD580N4T4GOSCT-ND	.64	5.48	43.23	
.0076		51	85	47	NTD580N5T4GOSCT-ND	.61	5.26	41.57		
.0127		33	65	39	NTD580N6T4GOSCT-ND	.62	4.96	37.24		
60	.090	9	35	28.8	NID9N05CLT4GOSCT-ND	1.10	9.83	78.07		
	.036	24	72	62.5	NTD24N06LT4GOSCT-ND	.82	7.31	58.03		
	.039	20	60	60	NTD20N06LT4GOSCT-ND	.98	8.83	70.10		
	.094	12	45	48	NTD3055S-094T4GOSCT-ND	.59	5.15	40.71		
	.104	12	45	48	NTD3055L104T4GOSCT-ND	.59	5.15	40.71		
11	.104	12	45	48	NTD3055L104GOS-ND†	.55	4.75	36.64		
	.460	6	18	50	MTD6N20ET4GOSCT-ND	1.41	12.64	100.37		
	D2PAK — RoHS Compliant									
	60	.026	45	150	125	NTB45N06T4GOSCT-ND	1.57	13.45	109.86	
		.028	45	150	125	NTB45N06LT4GOSCT-ND	1.41	12.64	100.37	
.100		15	45	48.4	NTB18N06LT4GOSCT-ND	1.01	9.03	71.69		
.068		30	90	214	NTB30N20T4GOSCT-ND	2.48	22.30	181.74		
DPAK-3 — RoHS Compliant										
12	60	.104	12	45	48	NTD3055L104-1GOS-ND†	.55	4.75	36.64	
SOT-363 — RoHS Compliant										
14	25	.35	1.0	3.7	.83	NTJS4405NT1GOSCT-ND	.37	2.64	17.65	
	20	.045	4.0	10	1.0	NTJS3157NT1GOSCT-ND	.39	3.03	20.74	
SOT-723 — RoHS Compliant										
16	20	.20	.750	1.8	.45	NTK3134NT1GOSCT-ND	.48	3.41	22.72	
Dual N-Channel — RoHS Compliant										
ChipFET										
13	20	.075	3.1	10	1.13	NTHD4508NT1GOSCT-ND	.61	4.88	36.63	
	30	.14	2.9	10	1.13	NTHD4502NT1GOSCT-ND	.69	5.96	47.09	
SOT-363										
14	20	.375	.63	1.2	.27	NTJD4401NT1GOSCT-ND	.39	3.06	20.94	
	30	1.5	.25	6.0	.272	NTJD4001NT1GOSCT-ND	.40	2.79	18.59	
SOT-563										
15	20	.55	.54	1.5	.25	NTZD3154NT1GOSCT-ND	.36	2.83	19.33	
P-Channel — RoHS Compliant										
TO-220AB										
2	30	.025	50	150	125	MTP50P03HDLGOS-ND†	3.80	33.92	278.17	
	60	.196	2.4	42	2.4	NTP2955GOS-ND†	.83	7.32	57.82	
	500	6	2	6.0	75	MTP2P50GOS-ND†	2.61	23.30	191.09	

Fig.	VDS (V)	RDS (on) (Ω)	ID (A)	IDM (A)	PD (W)	Digi-Key Part No.	Cut Tape Pricing	Tape and Reel Qty.	Reel Pricing
							1	10	100
8-SOIC									
4	20	.075	5.6	30	2.5	MMSF3P02HDR2GOSCT-ND	1.24	11.09	88.10
SOT-23									
5	8	.052	3.7	11	.96	NTR2101PT1GOSCT-ND	.50	3.90	26.69
	20	.085	1.8	7.5	.73	NTR4101PT1GOSCT-ND	.49	3.47	23.11
	20	.28	1.0	2.67	4.00	NTR1P02T1GOSCT-ND	.39	3.03	20.74
	20	.80	0.4	1.0	2.25	NTR0202PLT1GOSCT-ND	.39	3.03	20.74
	30	.35	1.13	6.8	4.00	NTR4502PT1GOSCT-ND	.47	3.70	25.33
50	10	.130	.520	2.25	BSS84LT1GOSCT-ND	.42	3.01	18.04	
SOT-223									
6	60	.185	1.7	10.4	1.0	NTF2955T1GOSCT-ND	.80	6.95	54.87
SOT-323									
7	8	.10	1.4	3.0	.29	NTS2101PT1GOSCT-ND	.37	2.92	19.98
SOT-416									
7	20	.36	.760	1.0	.301	NTE4151PT1GOSCT-ND	.44	3.10	20.65
SC-89									
8	20	.36	.760	1.0	.301	NTE4151T1GOSCT-ND	.40	2.79	18.59
TSOP-6									
9	20	.135	1.65	20	1	NTGS3441T1GOSCT-ND	.39	3.06	20.94
	20	100	2.2	14	2	NTGS3443T1GOSCT-ND	4.0	3.21	21.91
	30	100	2.5	20	2.0	NTGS3455T1GOSCT-ND	.53	4.15	28.35
30	.11	2.6	15	1.25	NTGS4111PT1GOSCT-ND	.47	3.68	25.13	
DPAK									
10	30	.051	25	75	75	NTD25P03LGOOS-ND†	.91	8.05	63.61
	30	.051	25	75	75	NTD25P03LT4GOSCT-ND	.98	8.83	70.10
	60	.130	15.5	50	65	NTD20P06LGOOS-ND†	.87	7.68	60.70
	60	.143	15.5	50	65	NTD20P06LT4GOSCT-ND	.94	8.43	66.90
	60	.155	12	36	55	NTD2955GOS-ND†	.66	5.78	44.62
60	.180	12	36	55	NTD2955T4GOSCT-ND	.69	5.96	47.10	
60	.450	5	18	40	MTD5P06VT4GOSCT-ND	.88	7.62	60.16	
D2PAK									
11	30	.025	50	150	125	MTB50P03HDLT4GOSCT-ND	3.22	29.00	236.26
	60	.065	27.5	80	120	NTB25P06T4GOSCT-ND	1.65	14.16	115.63
	60	.080	30	105	125	MTB30P06VT4GOSCT-ND	2.85	24.43	199.46
DPAK-3									
12	60	.155	12	36	55	NTD2955S-1GOS-ND†	.66	5.78	44.62
ChipFET									
13	30	.075	3.3	30	1.3	NTHS4111PT1GOSCT-ND	.76	6.77	53.74
	20	.08	3.2	13	1.1	NTHD3101FT1GOSCT-ND	.54	4.29	32.18
SOT-363									
14	12	.06	2.7	8.0	6.25	NTJS3151PT1GOSCT-ND	.36	2.83	19.33
20	.047	3.3	10	1.0	NTJS4151PT1GOSCT-ND	.39	3.06	20.94	
SOT-563									
15	20	.15	.86	4	.17	NTZS3151PT1GOSCT-ND	.36	2.83	19.33
SOT-723									
16	20	.38	.660	1.2	.450	NTK3139PT1GOSCT-ND	.48	3.41	22.72
Dual P-Channel — RoHS Compliant									
ChipFET									
13	20	.155	2.1	7.0	1.1	NTHD4401FT1GOSCT-ND	.56	4.86	38.32
SOT-363									
14	20	.26	.88	3.0	2.72	NTJD4152PT1GOSCT-ND	.40	3.21	21.91
SOT-563									
15	20	0.9	.43	75	25	NTZD3152PT1GOSCT-ND	.36	2.83	19.33
Dual N/P Channel Complementary — RoHS Compliant									
ChipFET									
13	20	.08/08	2.9/3.2	12/13	1.1	NTHD3100CT1GOSCT-ND	.56		