



Fig.	Package	VDSS (V)	ID (A)	RDS(on) (Ω)	Digi-Key Part No.	Cut Tape Price Each			Tape and Reel #		Vishay Part No.	
						1	25	100	Qty.	Pricing		
15C	8-SOIC	30	6.4	0.017/0.016	SI7872DP-T1-E3CT-ND	2.40	1.66	1.57	—	—	SI7872DP-T1-E3	
	8-SOIC	30	6.0	0.0056	SI7994DP-T1-GE3CT-ND	4.29	3.03	2.86	3,000	1406.36/M	SI7994DP-T1-GE3	
	8-SOIC	40	7.1	0.0135	SI7962DP-T1-E3CT-ND	3.73	2.78	2.67	—	—	SI7962DP-T1-E3	
	8-SOIC	40	7.2	0.013	SI7958DP-T1-E3CT-ND	2.98	2.07	1.96	3,000	959.11/M	SI7958DP-T1-E3	
	8-SOIC	40	7.2	0.013	SI7958DP-T1-GE3CT-ND	2.49	1.92	1.75	3,000	959.11/M	SI7958DP-T1-GE3	
	8-SOIC	60	4.6	0.075	SI7948DP-T1-GE3CT-ND	1.32	1.05	.94	3,000	485.75/M	SI7948DP-T1-GE3	
	8-SOIC	60	6.1	0.019	SI7964DP-T1-E3CT-ND	2.98	2.07	1.96	3,000	923.58/M	SI7964DP-T1-E3	
	8-SOIC	60	6.2	0.017	SI7960DP-T1-E3CT-ND	3.30	2.28	2.16	3,000	1020.24/M	SI7960DP-T1-E3	
	8-SOIC	60	6.2	0.017	SI7960DP-T1-GE3CT-ND	2.75	2.12	1.93	3,000	1059.89/M	SI7960DP-T1-GE3	
	8-SOIC	100	3.8	0.041	SI7942DP-T1-E3CT-ND	2.60	2.13	1.91	3,000	1154.07/M	SI7942DP-T1-E3	
19	8-SOIC	100	3.8	0.041	SI7942DP-T1-GE3CT-ND	2.60	2.13	1.91	3,000	1154.07/M	SI7942DP-T1-GE3	
	8-SOIC	150	2.1	0.124	SI7946DP-T1-E3CT-ND	3.79	3.10	2.79	3,000	1681.12/M	SI7946DP-T1-E3	
14-SOIC	20	7.3/9.5	0.0095/0.007	SI4340DY-T1-E3CT-ND	2.84	1.97	1.87	—	—	SI4340DY-T1-E3		
P-Channel												
1	1206-8	8	5.2	0.027	SI5445BDC-T1-E3CT-ND	.91	.72	.65	3,000	335.40/M	SI5445BDC-T1-E3	
	1206-8	12	5.9	0.022	SI5473DC-T1-E3CT-ND	1.10	.80	.75	—	—	SI5473DC-T1-E3	
	1206-8	12	6	0.032	SI5475DDC-T1-GE3CT-ND	.76	.59	.53	3,000	251.96/M	SI5475DDC-T1-GE3	
	1206-8	20	2.7	0.095	SI5853DC-T1-E3CT-ND	2.05	1.42	1.35	—	—	SI5853DC-T1-E3	
	1206-8	20	2.7	0.095	SI5855DC-T1-E3CT-ND	.86	.62	.57	—	—	SI5855DC-T1-E3	
	1206-8	20	3.5	0.064	SI5447DC-T1-E3CT-ND	.85	.67	.61	3,000	312.27/M	SI5447DC-T1-E3	
	1206-8	20	3.5	0.064	SI5447DC-T1-GE3CT-ND	.85	.67	.61	3,000	312.27/M	SI5447DC-T1-GE3	
	1206-8	20	4.8	0.030	SI5433BDC-T1-E3CT-ND	1.03	.75	.70	3,000	323.42/M	SI5433BDC-T1-E3	
	1206-8	20	5.2	0.026	SI5401DC-T1-E3CT-ND	.89	.65	.60	3,000	278.81/M	SI5401DC-T1-E3	
	1206-8	30	4.3	0.035	SI5435BDC-T1-E3CT-ND	1.03	.75	.70	3,000	323.42/M	SI5435BDC-T1-E3	
2A	1212-8	12	16	0.013	SI7405BDN-T1-E3CT-ND	1.28	.93	.87	3,000	401.49/M	SI7405BDN-T1-GE3	
	1212-8	20	7.5	0.015	SI7411DN-T1-E3CT-ND	1.13	.90	.81	3,000	416.36/M	SI7411DN-T1-E3	
	1212-8	20	8	0.059	SI7403BDN-T1-E3CT-ND	.89	.65	.60	3,000	278.81/M	SI7403BDN-T1-E3	
	1212-8	20	8.4	0.012	SI7413DN-T1-E3CT-ND	1.35	.98	.92	3,000	423.79/M	SI7413DN-T1-E3	
	1212-8	20	9.8	0.0090	SI7107DN-T1-E3CT-ND	1.65	1.28	1.16	3,000	636.10/M	SI7107DN-T1-E3	
	1212-8	20	9.8	0.0090	SI7107DN-T1-GE3CT-ND	1.65	1.28	1.16	3,000	636.10/M	SI7107DN-T1-GE3	
	1212-8	20	16	0.019	SI7601DN-T1-E3CT-ND	.99	.70	.63	3,000	323.83/M	SI7601DN-T1-E3	
	1212-8	20	25	0.0106	SI7123DN-T1-E3CT-ND	.99	.72	.68	3,000	312.27/M	SI7123DN-T1-E3	
	1212-8	30	6.4	0.020	SI7421DN-T1-E3CT-ND	1.50	1.08	1.01	3,000	485.75/M	SI7421DN-T1-E3	
	1212-8	30	7.4	0.014	SI7423DN-T1-E3CT-ND	1.64	1.18	1.11	3,000	532.01/M	SI7423DN-T1-E3	
2B	1212-8	30	16	0.018	SI7121DN-T1-E3CT-ND	1.35	.98	.92	3,000	423.79/M	SI7121DN-T1-E3	
	1212-8	40	18	0.025	SI7611DN-T1-E3CT-ND	1.84	1.27	1.21	3,000	569.19/M	SI7611DN-T1-E3	
	1212-8	60	3.6	0.054	SI7415DN-T1-E3CT-ND	1.65	1.28	1.16	3,000	636.10/M	SI7415DN-T1-E3	
	1212-8	60	3.6	0.054	SI7415DN-T1-GE3CT-ND	1.65	1.28	1.16	3,000	636.10/M	SI7415DN-T1-GE3	
	1212-8	100	13.2	0.108	SI7113DN-T1-E3CT-ND	3.26	2.26	2.14	3,000	1009.50/M	SI7113DN-T1-E3	
	1212-8	100	13.2	0.108	SI7113DN-T1-GE3CT-ND	1.50	1.19	1.08	3,000	555.14/M	SI7113DN-T1-GE3	
	1212-8	150	8.9	0.295	SI7115DN-T1-E3CT-ND	1.94	1.50	1.36	3,000	747.62/M	SI7115DN-T1-E3	
	1212-8	20	4.3	0.041	SI7703EDN-T1-E3CT-ND	1.50	1.08	1.01	—	—	SI7703EDN-T1-E3	
	3	4-MFP	8	11.7	0.029	SI8429DB-T1-E1CT-ND	1.07	.77	.72	3,000	334.57/M	SI8429DB-T1-E1
		4-MFP	12	3.6	0.045	SI8405DB-T1-E1CT-ND	1.45	1.14	1.03	3,000	532.01/M	SI8405DB-T1-E1
4-MFP		12	5.3	0.031	SI8415DB-T1-E1CT-ND	1.21	.88	.82	3,000	379.18/M	SI8415DB-T1-E1	
4-MFP		20	3.6	0.057	SI8401DB-T1-E1CT-ND	1.07	.85	.76	3,000	393.23/M	SI8401DB-T1-E1	
4-MFP		20	4.8	0.0393	SI8413DB-T1-E1CT-ND	1.42	1.03	.96	3,000	446.10/M	SI8413DB-T1-E1	
4-MFP		20	10.0	0.034	SI8435DB-T1-E1CT-ND	1.03	.75	.70	—	—	SI8435DB-T1-E1	
4-MFP		30	4.6	0.038	SI8409DB-T1-E1CT-ND	1.14	.82	.77	3,000	356.88/M	SI8409DB-T1-E1	
6-MFP		20	5.8	0.022	SI8407DB-T2-E1CT-ND	1.70	1.23	1.15	3,000	535.32/M	SI8407DB-T2-E1	
6-MFP		20	3.5	0.048	SI8901EDB-T2-E1CT-ND	1.77	1.23	1.16	3,000	547.71/M	SI8901EDB-T2-E1	
7		D2PAK	40	110	0.0041	SUM110P04-05-E3CT-ND	5.51	3.89	3.68	800	1582.15	SUM110P04-05-E3
	D2PAK	60	55	0.015	SUM55P06-19L-E3CT-ND	3.30	2.28	2.16	800	894.67	SUM55P06-19L-E3	
	D2PAK	60	110	0.0055	SUM110P06-07L-E3CT-ND	5.51	3.89	3.68	800	1582.15	SUM110P06-07L-E3	
	D2PAK	80	110	0.092	SUM110P08-11L-E3CT-ND	5.22	3.69	3.48	800	1498.88	SUM110P08-11L-E3	
	D2PAK	100	90	0.0156	SUM90P10-19L-E3CT-ND	5.22	3.69	3.48	800	1498.88	SUM90P10-19L-E3	
	D2PAK	30	75	0.0055	SUB75P03-07-E3CT-ND	5.01	4.09	3.68	800	2002.47	SUB75P03-07-E3	
	10A	SC70-6	20	4.5	0.094	SI4813DJ-T1-E3CT-ND	.78	.57	.53	3,000	242.88/M	SI4813DJ-T1-E3
		SC70-6	8	12	0.023	SI4417DJ-T1-E3CT-ND	.78	.57	.53	3,000	242.88/M	SI4417DJ-T1-E3
		SC70-6	12	12	0.029	SI4413DJ-T1-E3CT-ND	.96	.70	.65	3,000	301.12/M	SI4413DJ-T1-E3
		SC70-6	20	12	0.025	SI4411DJ-T1-E3CT-ND	.86	.62	.57	3,000	266.01/M	SI4411DJ-T1-E3
SC70-6		20	12	0.025	SI4411DJ-T1-GE3CT-ND	.83	.65	.57	3,000	275.92/M	SI4411DJ-T1-GE3	
SC70-6		20	12	0.030	SI4419DJ-T1-E3CT-ND	.83	.65	.57	3,000	273.44/M	SI4419DJ-T1-E3	
SC70-6		20	12	0.035	SI4415DJ-T1-E3CT-ND	.93	.67	.63	3,000	289.96/M	SI4415DJ-T1-E3	
SC70-6		30	12	0.035	SI4421DJ-T1-E3CT-ND	.91	.72	.65	3,000	335.40/M	SI4421DJ-T1-E3	
SC75-6		8	9	0.052	SI8417DK-T1-E3CT-ND	.78	.57	.53	3,000	242.88/M	SI8417DK-T1-E3	
SC75-6		8	9	0.058	SI8417DK-T1-GE3CT-ND	.96	.70	.65	3,000	301.12/M	SI8417DK-T1-GE3	
10B	SC75-6	12	9	0.060	SI8419DK-T1-E3CT-ND	.86	.62	.57	3,000	266.01/M	SI8419DK-T1-E3	
	SC75-6	20	9	0.075	SI8413DK-T1-E3CT-ND	.86	.62	.57	3,000	266.01/M	SI8413DK-T1-E3	
	SC75-6	30	9	0.087	SI8415DK-T1-E3CT-ND	.71	.51	.48	3,000	219.75/M	SI8415DK-T1-E3	
	SC-75A	SC-75A	20	140	8	SI1031R-T1-E3CT-ND	.41	.28	.25	3,000	115.66/M	SI1031R-T1-E3
		SC-75A	20	350	0.8	SI1013R-T1-E3CT-ND	.48	.34	.29	3,000	134.66/M	SI1013R-T1-E3
		SC-75A	20	350	0.8	SI1013R-T1-GE3CT-ND	.45	.32	.28	3,000	128.05/M	SI1013R-T1-GE3
		SC-75A	60	190	4	SI1021R-T1-E3CT-ND	.55	.39	.33	3,000	153.66/M	SI1021R-T1-E3
		SC89-3	20	350	0.8	SI1013X-T1-E3CT-ND	.43	.31	.26	3,000	121.44/M	SI1013X-T1-E3
		SC89-3	20	350	0.8	SI1013X-T1-GE3CT-ND	.43	.31	.26	3,000	121.44/M	SI1013X-T1-GE3
		SOT23-3	8	3.5	0.044	SI2305DS-T1-E3CT-ND	.94	.75	.67	3,000	346.97/M	SI2305DS-T1-E3
SOT23-3		8	4.1	0.040	SI2305ADS-T1-GE3CT-ND	.59	.42	.36	3,000	166.88/M	SI2305ADS-T1-GE3	
SOT23-3		12	3.0	0.040	SI2315BDS-T1-E3CT-ND	.62	.48	.43	3,000	204.05/M	SI2315BDS-T1-E3	
SOT23-3		12	4.1	0.025	SI2333DS-T1-E3CT-ND	.78	.62	.56	3,000	289.14/M	SI2333DS-T1-E3	
11	SOT23-3	12	5.1	0.035	SI2333CDS-T1-E3CT-ND	.69	.54	.48	3,000	228.01/M	SI2333CDS-T1-E3	
	SOT23-3	20	0.58	0.42	TP0101K-T1-E3CT-ND	.55	.39	.33	3,000	153.66/M	TP0101K-T1-E3	
	SOT23-3	20	2.2	0.080	SI2301BDS-T1-E3CT-ND	.52	.37	.32	3,000	147.05/M	SI2301BDS-T1-E3	
	SOT23-3	20	2.8	0.092	SI2351DS-T1-E3CT-ND	.69	.54	.48	3,000	228.01/M	SI2351DS-T1-E3	
	SOT23-3	20	2.2	0.092	SI2351DS-T1-GE3CT-ND	.69	.54	.48	3,000	228.01/M	SI2351DS-T1-GE3	
	SOT23-3	20	3.1	0.112	SI2301CDS-T1-E3CT-ND	.43	.31	.26	3,000	121.44/M	SI2301CDS-T1-E3	
	SOT23-3	20	3.7	0.031	SI2323DS-T1-E3CT-ND	.97	.77	.70	3,000	358.53/M	SI2323DS-T1-E3	
	SOT23-3	20	3.7	0.031	SI2323DS-T1-GE3CT-ND	.97	.77	.70	3,000	358.53/M	SI2323DS-T1-GE3	
	SOT23-3	30	1.49	0.150	SI2303BDS-T1-E3CT-ND	.52	.37	.32	3,000	147.05/M	SI2303BDS-T1-E3	
	SOT23-3	30	2.5	0.063	SI2307BDS-T1-E3CT-ND	.69	.54	.48	3,000	228.01/M	SI2307BDS-T1-E3	
SOT-323-3	SOT23-3	30	2.7	0.088	SI2307CDS-T1-E3CT-ND	1.01	.80	.72	3,000	370.10/M	SI2307CDS-T1-E3	