MOSFETs *(Cont.)*

Digi-Reel®

Fig.	VDSS (V)	ID (A)	RDS(on) (Ω)	Digi-Key Part No.	Pricing 1	10	100	Tape and Reel† Pricing	STMicro. Part No.
	600	1.4	8	497-4377-5-ND◆	1.07	9.32	71.85	—	STP2NK60Z
	600	2.4	3.6	497-7525-5-ND◆	2.07	18.33	144.88	—	STP3NK60Z
	600	4	2	497-3191-5-ND◆	1.79	15.84	125.23	—	STP4NK60Z
	600	5	1.6	497-3196-5-ND◆	2.52	22.78	183.11	—	STP5NK60Z
	600	6	1.2	497-3198-5-ND◆	2.38	21.08	166.62	—	STP6NK60Z
	600	7	.95	497-4387-5-ND◆	3.28	29.60	237.83	—	STP9NK60ZD
	600	8	.55	497-9098-5-ND◆	4.03	36.42	292.72	—	STP10NM60N
	600	10	.64	497-4817-5-ND◆	2.80	25.27	203.08	—	STP12NK60Z
	600	10	.75	497-4117-5-ND◆	4.03	36.42	292.72	—	STP10NK60Z
	600	11	.45	497-4368-5-ND◆	4.20	37.44	306.94	—	STP11NM60A
	600	11	.45	497-3180-5-ND◆	6.21	55.45	454.62	—	STP11NM60FD
	600	13	.285	497-10305-5-ND◆	6.83	61.01	500.22	—	STP18NM60N
	600	13	.55	497-3182-5-ND◆	3.69	33.36	268.01	—	STP13NK60Z
	600	14	.42	497-4372-5-ND◆	3.75	33.82	271.81	—	STP16NK60Z
	600	16	.22	497-10306-5-ND◆	8.49	75.79	621.45	—	STP22NM60N
	600	17	.24	497-5019-5-ND◆	9.32	83.18	682.06	—	STP21NM60N
	600	20	.165	497-9064-5-ND◆	9.35	83.54	684.95	—	STP26NM60N
	600	20	.29	497-3184-5-ND◆	8.28	73.92	606.14	—	STP20NM60
	620	2.7	2.5	497-8449-5-ND◆	2.30	20.70	166.33	—	STP3N62K3
	620	5.5	1.28	497-8450-5-ND◆	3.72	33.56	269.61	—	STP6N62K3
	620	8.4	.75	497-9099-5-ND◆	4.28	38.27	313.76	—	STP10N62K3
	650	4.6	.92	497-7530-5-ND◆	2.31	20.91	168.03	—	STP6NM60N
	650	7	.65	497-8793-5-ND◆	3.80	34.38	276.25	—	STP8NM60ND
	650	8.5	.43	497-10304-5-ND◆	5.18	46.22	378.99	—	STP12N65M5
	650	10	.41	497-7503-5-ND◆	4.82	42.94	352.14	—	STP12NM60N
	650	10	.45	497-8442-5-ND◆	4.97	44.35	363.69	—	STP11NM60ND
	650	11	.36	497-8787-5-ND◆	5.46	48.79	400.06	—	STP13NM60N
	650	11	.45	497-2773-5-ND	4.97	44.35	363.69	—	STP11NM60
	650	13	.5	497-4119-5-ND◆	5.15	46.07	377.77	—	STP16NK65Z
	650	14	.299	497-8443-5-ND◆	8.49	75.79	621.45	—	STP15NM60ND
	650	14	.299	497-7507-5-ND◆	5.48	48.96	401.38	—	STP15NM60N
	650	17	.190	497-10077-5-ND◆	8.28	73.92	606.14	—	STP21N65M5
	650	17	.22	497-8444-5-ND◆	8.90	79.48	651.75	—	STP21NM60ND
	650	19	.180	497-7517-5-ND◆	7.42	66.84	549.57	—	STP23NM60N
1	650	19.5	.180	497-8445-5-ND◆	9.17	82.49	678.29	—	STP23NM60ND
	650	21	.16	497-8446-5-ND◆	10.17	91.49	752.27	—	STP25NM60ND
	650	22	.139	497-10078-5-ND◆	11.97	107.71	885.63	—	STP30N65M5
	650	24	.119	497-10079-5-ND◆	13.02	117.22	963.78	—	STP32N65M5
	650	25	.13	497-8447-5-ND◆	17.37	156.34	1285.48	—	STP30NM60N
	650	25	.13	497-8448-5-ND◆	12.19	109.77	902.57	—	STP30NM60ND
	650	27	.098	497-10080-5-ND◆	11.46	103.12	847.87	—	STP35N65M5
	710	9	.48	497-7499-5-ND◆	4.89	43.62	357.63	—	STP10NM65N
	710	12	.299	497-8788-5-ND◆	6.42	57.31	469.91	—	STP16N65M5
	710	12	.38	497-7024-5-ND◆	6.10	54.42	446.24	—	STP14NM65Nw
	710	15.5	.27	497-7025-5-ND◆	7.11	63.49	520.62	—	STP19NM65N
	710	19	.19	497-7026-5-ND◆	8.04	72.30	594.43	—	STP24NM65N
	710	33	.079	497-8791-5-ND◆	15.71	141.39	1162.53	—	STP42N65M5
	800	2.5	4.5	497-4379-5-ND◆	1.61	14.28	112.81	—	STP3NK80Z
	800	3	3.5	497-3192-5-ND◆	2.08	18.50	146.26	—	STP4NK80Z
	800	4.3	2.4	497-7527-5-ND◆	2.38	21.08	166.62	—	STP5NK80Z
	800	6.5	1.05	497-8813-5-ND◆	7.87	70.23	575.84	—	STP7NM80
	800	7.5	1.2	497-5133-5-ND◆	3.21	28.95	232.66	—	STP9NK80Z
	800	9	.90	497-7498-5-ND◆	4.06	36.16	296.44	—	STP10NK80Z
	800	10.5	.75	497-6737-5-ND◆	5.80	51.74	424.30	—	STP12NK80Z
	800	11	.4	497-4369-5-ND◆	8.28	73.92	606.14	—	STP11NM80
	800	17	.295	497-10076-5-ND◆	9.32	83.18	682.06	—	STP18NM80
	850	6.7	1.4	497-5205-5-ND◆	2.84	25.74	206.81	—	STP8NK85Z
	900	2.1	6.5	497-4378-5-ND◆	1.68	14.80	116.95	—	STP2NK90Z
	900	8	1.3	497-2785-5-ND◆	4.17	37.65	302.55	—	STP9NK90Z
	950	7.2	1.35	497-8792-5-ND◆	6.42	57.31	469.91	—	STP7N95K3
	1000	1.85	8.5	497-7518-5-ND◆	4.21	38.09	306.03	—	STP2NK100Z
	1000	2.5	6	497-7524-5-ND◆	4.48	39.92	327.32	—	STP3NK100Z
	1000	3.5	3.7	497-4382-5-ND◆	4.97	44.35	363.69	—	STP5NK100Z
	1000	6.5	1.85	497-5021-5-ND◆	5.59	49.91	409.29	—	STP8NK100Z
	1500	2.5	6	497-6327-5-ND◆	9.73	86.87	712.36	—	STP3N150
	1500	4	7	497-5091-5-ND◆	9.11	81.31	666.76	—	STP4N150
	—	62	.125	497-5896-5-ND◆	1.65	14.57	115.13	—	STP62NS04Z
	—	80	.007	497-5981-5-ND◆	1.83	16.57	133.13	—	STP75NS04Z
				TO-247					
	75	120	.004	497-7619-5-ND◆	9.73	86.87	712.36	—	STW160N75F3
	100	110	.0105	497-5166-5-ND◆	5.48	48.93	401.21	—	STW120NF10
	200	30	.075	497-5168-5-ND◆	2.28	20.58	165.44	—	STW30N20
	200	34	.075	497-2659-5-ND◆	7.49	66.88	548.42	—	STW34NB20
	200	40	.045	497-5807-5-ND◆	5.34	47.63	390.54	—	STW40NF20
	200	75	.034	497-5959-5-ND◆	5.67	50.62	415.06	—	STW75NF20
	200	83	.023	497-8464-5-ND◆	9.52	85.02	697.07	—	STW90NF20
	250	52	.045	497-4428-5-ND◆	7.14	63.78	523.02	—	STW52NK25Z
	300	60	.045	497-8463-5-ND◆	9.57	86.11	707.98	—	STW75NF30
2	500	11	.48	497-7616-5-ND◆	3.73	33.26	272.70	—	STW13NK50Z
	500	14	.34	497-3260-5-ND◆	6.21	55.45	454.62	—	STW15NK50Z
	500	14	.38	497-3258-5-ND◆	3.90	34.78	285.22	—	STW14NK50Z
	500	17	.27	497-3261-5-ND◆	4.38	39.11	320.69	—	STW20NK50Z
	500	20	.25	497-2717-5-ND◆	9.24	83.16	683.77	—	STW20NM50FD
	500	22	.14	497-4675-5-ND◆	10.71	96.46	793.17	—	STW25NM50N
	500	29	.13	497-5768-ND◆	10.97	98.71	811.66	—	STW29NK50ZD
	500	30	.120	497-3264-5-ND◆	14.78	133.06	1094.02	—	STW26NM50
	500	31	.13	497-4425-5-ND◆	12.64	113.77	935.39	—	STW29NK50Z
	500	45	.1	497-2718-5-ND◆	17.90	162.62	1382.30	—	STW45NM50FD
	550	12	.32	497-7617-5-ND◆	4.52	40.32	330.56	—	STW13NM50N
	550	15	.26	497-7620-5-ND◆	6.38	57.01	467.50	—	STW16NM50N
	550	20	.25	497-3262-5-ND◆	8.28	73.92	606.14	—	STW20NM50
	550	23	.22	497-7034-5-ND◆	9.57	86.17	708.51	—	STW24NK55Z
	550	27	.115	497-8795-5-ND◆	12.76	114.78	943.73	—	STW30NM50N
	550	37	.085	497-8459-5-ND◆	14.40	129.58	1065.41	—	STW43NM50N
	550	54	.054	497-8462-5-ND◆	21.95	199.60	1696.58	—	STW55NM50N
	600	10	.75	497-3253-5-ND	4.48	39.92	327.32	—	STW10NK60Z
	600	14	.42	497-3558-5-ND◆	3.51	31.30	256.65	—	STW16NK60Z
	600	20	.165	497-9066-5-ND◆	9.77	87.23	715.25	—	STW26NM60N
	600	20	.29	497-5415-5-ND◆	9.11	81.31	666.76	—	STW20NM60FD
	600	21	.16	497-10086-5-ND◆	12.76	114.78	943.73	—	STW27NM60ND
	600	27	.185	497-4424-5-ND◆	10.11	90.93	747.58	—	STW28NK60Z
	600	30	.145	497-4426-5-ND◆	15.49	140.80	1196.80	—	STW30NM60D
	600	45	.11	497-2768-5-ND◆	16.26	147.84	1256.64	—	STW45NM60
	600	20	.29	497-3263-5-ND◆	8.28	73.92	606.14	—	STW20NM60
	650	10	.41	497-7615-5-ND◆	4.84	43.20	354.17	—	STW12NM60N
	650	14	.299	497-8452-5-ND◆	8.84	79.52	653.80	—	STW15NM60ND
	650	14	.299	497-7618-5-ND◆	7.70	68.82	564.30	—	STW15NM60N
	650	17	.22	497-8453-5-ND◆	7.28	65.46	538.25	—	STW21NM60ND
	650	19	.180	497-7621-5-ND◆	8.04	72.30	594.43	—	STW23NM60N
	650	19.5	.180	497-8454-5-ND◆	8.18	73.65	605.54	—	STW23NM60ND
	650	21	.16	497-8455-5-ND◆	12.19	109.77	902.57	—	STW25NM60ND
	650	25	.13	497-8457-5-ND◆	14.05	126.41	1039.32	—	STW30NM60N
2	650	25	.13	497-8458-5-ND◆	15.53	139.72	1148.72	—	STW30NM60ND
	650	35	.088	497-8460-5-ND◆	13.09	119.09	1012.30	—	STW43NM60N
	650	35	.088	497-8461-5-ND◆	16.26	147.84	1256.64	—	STW43NM60ND
	650	51	.060	497-7036-5-ND◆	25.53	232.12	1973.04	—	STW55NM60ND
	650	51	.060	497-7622-5-ND◆	22.77	206.98	1759.30	—	STW55NM60N
	710	12	.38	497-7032-5-ND◆	6.77	60.47	495.83	—	STW14NM65N
	710	15.5	.27	497-7033-5-ND◆	8.03	71.70	587.91	—	STW19NM65N
	710	19	.19	497-7035-5-ND◆	9.10	81.83	672.83	—	STW24NM65N
	710	33	.079	497-8796-5-ND◆	16.11	146.38	1244.19	—	STW42N65M5
	800	9	.90	497-3254-5-ND◆	4.58	40.83	334.82	—	STW10NK80Z
	800	10.5	.75	497-3256-5-ND◆	6.62	59.14	484.92	—	STW12NK80Z
	800	11	.4	497-4420-5-ND◆	8.87	79.83	656.41	—	STW11NM80
	800	17	.295	497-10085-5-ND◆	8.94	80.50	661.89	—	STW18NM80
	900	5.8	2	497-7624-5-ND◆	4.07	36.28	297.50	—	STW7NK90Z
	900	8	1.3	497-2784-5-ND◆	4.24	37.88	310.58	—	STW9NK90Z
	900	9.2	.82	497-6198-5-ND◆	7.10	63.36	519.55	—	STW11NK90Z
	900	11	.88	497-4421-5-ND◆	6.66	59.53	488.10	—	STW12NK90Z
	900	15	.55	497-3557-5-ND◆	9.29	82.93	680.04	—	STW15NK90Z
	950	7.2	1.35	497-8798-5-ND◆	7.87	70.23	575.84	—	STW7N95K3
	950	10	.9	497-5167-5-ND◆	6.66	59.53	488.10	—	STW12NK95Z
	1000	3.5	3.7	497-7623-5-ND◆	3.96	35.76	287.34	—	STW5NK100Z
	1000	8.3	1.38	497-3255-5-ND◆	8.69	77.62	636.46	—	STW11NK100Z
	1500	2.5	6	497-6332-5-ND◆	11.05	99.48	817.91	—	STW3N150
	1500	4	7	497-5092-5-ND◆	9.80	88.17	724.92	—	STW4N150
	1500	8	2.5	497-8465-5-ND◆	16.26	147.84	1256.64	—	STW9N150
				D2PAK					
	24	60	.008	497-3515-1-ND‡	2.62	22.40	182.97	1082.75/1,000	STB75NH02LT4
	24	120	.0018	497-7945-1-ND◆‡	6.27	55.94	458.75	3829.76/1,000	STB300NH02L
	30	70	.0095	497-6556-1-ND◆‡	3.98	34.17	279.08	1651.58/1,000	STB70NF03LT4
	30	80	.003	497-7942-1-ND◆‡	5.14	46.31	377.29	2400.64/1,000	STB230NH03L
	30	80	.004	497-7952-1-ND◆‡	5.32	47.90	390.30	2483.71/1,000	STB80NF03L-04T4
	30	80	.0042	497-10022-1-ND◆‡	3.17	27.16	221.82	1312.26/1,000	STB95N3LLH6
	30	85	.008	497-7953-1-ND◆‡	3.89	33.29	271.83	1609.34/1,000	STB85NF3LLT4
	30	100	.0032	497-7929-1-ND◆‡	5.98	53.91	439.24	2794.88/1,000	STB100NF03L-03T4
	30	120	.0037	497-6548-1-ND◆‡	5.55	49.91	406.71	2587.90/1,000	STB200NF03T4
	40	80	.007	497-8805-1-ND◆‡	5.77	51.90	422.82	2690.69/1,000	STB150NF04
	40	120	.0035	497-6549-1-ND◆‡	5.55	49.91	406.71	2587.90/1,000	STB200NF04L
	40	120	.0037	497-3513-1-ND◆‡	5.55	49.91	406.71	2587.90/1,000	STB200NF04T4
	40	120	.0043	497-5951-1-ND◆‡	4.60	39.49	322.54	1909.25/1,000	STB100NF04T4
	40	160	.0025	497-7944-1-ND◆‡	7.32	65.88	536.81	3415.81/1,000	STB270N4F3
	55	80	.0065	497-6558-1-ND◆‡	4.89	43.92	357.77	2276.74/1,000	STB80NF55-06T4
	55	80	.0065	497-5954-1-ND◆‡	3.67	31.55	257.69	1524.86/1,000	STB60N55F3
	55	80	.008	497-3737-1-ND◆‡	4.53	38.86	317.36	1878.27/1,000	STB80NF55-08T4
	55	80	.008	497-4321-1-ND◆‡	4.39	39.54	322.15	2050.05/1,000	STB140NF55T4
	55	80	.008	497-5732-1-ND◆‡	5.77	51.90	422.82	2690.69/1,000	STB85NF55LT4
	55	120	.006	497-7934-1-ND◆‡	5.77	51.90	422.82	2690.69/1,000	STB150NF55T4
3	55	120	.0035	497-7939-1-ND◆‡	9.98	89.83	731.96	4657.66/1,000	STB180N55F3
	55	120	.0035	497-7940-1-ND◆‡	7.62	68.03	557.92	4657.66/1,000	STB185N55F3
	60	16	.09	497-4322-1-ND◆‡	1.55	13.88	110.25	612.48/1,000	STB16NF06LT4
	60	30	.04	497-6551-1-ND◆‡	2.37	21.11	167.65	932.10/1,000	STB36NF06LT4
	60	38	.028	497-10314-1-ND◆‡	2.65	23.65	187.80	1043.33/1,000	STB45NF06T4
	60	50	.018	497-6553-1-ND◆‡	3.27	27.96	228.36	1351.68/1,000	STB55NF06T4
	60	55	.018	497-7462-1-ND◆‡	3.37	28.85	235.61	1393.92/1,000	STB55NF06LT4
	60	60	.014	497-6554-1-ND◆‡	2.84	24.41	199.39	1179.90/1,000	STB60NF06LT4
	60	60	.016	497-7950-1-ND◆‡	2.75	23.53	192.15	1137.66/1,000	STB60NF06T4
	60	120	.0036	497-10025-1-ND◆‡	6.59	59.26	482.92	3073.66/1,000	STB200N6F3
	75	75	.011	497-3514-1-ND◆‡	4.66	41.93	341.67	2173.95/1,000	STB75NF75LT4
	75	120	.0075	497-6547-1-ND◆‡	4.62	41.51	338.26	2152.83/1,000	STB140NF75T4
	75	120	.0037	497-7937-1-ND◆‡	6.27	55.94	458.75	3829.76/1,000	STB160N75F3
	100	35	.045	497-6550-1-ND◆‡	2.96	25.30	206.64	1223.55/1,000	STB30NF10T4
	100	40	.033	497-3736-1-ND◆‡	3.58	30.62	250.10	1479.81/1,000	STB40NF10LT4
	100	40	.035	497-7947-1-ND◆‡	3.11	26.61	217.32	1286.91/1,000	STB35NF10T4
	100	50	.028	497-6552-1-ND◆‡	3.77	32.40	264.59	1565.70/1,000	STB40NF10T4
	100	80	.015	497-2489-1-ND◆‡	4.59	41.32	336.71	2142.98/1,000	STB80NF10T4
	100	80	.023	497-7951-1-ND◆‡	3.21	27.46	224.22	1327.74/1,000	STB60NF10T4
	100	110	.0105	497-2452-1-ND◆‡	4.62	41.51	338.26	2152.83/1,000	STB120NF10T4
	150	40	.052	497-7948-1-ND◆‡	4.39	39.54	322.15	2050.05/1,000	STB40NS15T4

◆ *RoHS Compliant* † For Tape and Reel part number, change 1-ND to 2-ND. ‡ Cut Tape *(Continued)*

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Digi-Reel® Most SMT cutdown parts are available on a Digi-Reel®. For Digi-Reel part number, change 1-ND to 6-ND or CT-ND to DKR-ND. See Digi-Key® Services on page 2 for additional information.

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