

NEW Part Number	Package	Polarity	Configuration	ESD (Y/N)	V _{DS} (V)	V _{GS} (V)	V _{GS(TH)} (V)			RDS(ON) (typ. mΩ) @ VGS=					I _D (A) @ T _C =			I _D (A) @ T _A =		Ciss (pF)	Coss (pF)	Crss (pF)	Qg (Nc)		Qgs (Nc)
							Min.	Typ.	Max.	10V	6V	4.5V	2.5V	1.8V	25°C	70°C	100°C	25°C	70°C				4.5V	10V	
SI-N17BN030HP1	PDFN 3.3*3.3-8L	N	SiNgle	No	30	±20	1	-	2.4	2.1 (2.7)	-	3.1 (4.2)	-	-	43	-	27	-	-	2271	1339	122	-	43.4	8.17
SI-N17BN030HP5	PDFN 5*6-8L	N	SiNgle	No	30	±20	1	-	2.4	2.1 (2.7)	-	3.1 (4.2)	-	-	49	-	31	-	-	2273	1446	106	-	43.1	7.84
SI-N17BN030HM0	TO-252	N	SiNgle	No	30	±20	1	-	2.4	2.3 (2.9)	-	3.3 (4.5)	-	-	68	-	43	-	-	2256	1819	109	-	41.2	8.28
SI-N17BN040HP1	PDFN 3.3*3.3-8L	N	SiNgle	No	45	±20	1	1.5	2.4	2.3 (2.9)	-	3.4 (4.5)	-	-	42	-	27	-	-	2230	1056	108	-	45.6	7.95
SI-N17BN040HP5	PDFN 5*6-8L	N	SiNgle	No	45	±20	1	1.5	2.4	2.4 (2.9)	-	3.5 (4.5)	-	-	47	-	30	-	-	2230	1056	108	-	45.1	7.46
SI-N18N040HP5	PDFN 5*6-8L	N	SiNgle	No	45	±20	1	1.5	2.4	1.7 (2.0)	-	2.6 (3.4)	-	-	65	-	41	-	-	3896	1729	136	-	76	13
SI-N11N060HP5	PDFN 5*6-8L	N	SiNgle	No	60	±20	1	1.6	2.5	1.8 (2.9)	-	2.6 (4.2)	-	-	52	-	23	-	-	5253	1638	38	48.4	93.6	17.4
SI-N11N060HH	TO-220	N	SiNgle	No	60	±20	1	1.6	2.5	3.2 (3.7)	-	4 (5)	-	-	56	-	56	-	-	4760	1914	41	33.8	73	15.7
SI-N11N060HB	TO-263	N	SiNgle	No	60	±20	1	1.6	2.5	2.8 (3.4)	-	3.6 (4.7)	-	-	56	-	56	-	-	4761	2005	49	30.4	69.8	18
SI-N10N060HR8	SOP-8	N	SiNgle	No	60	±20	1.2	1.6	2.4	3.2 (3.8)	-	4.4 (5.3)	-	-	34	-	21	-	-	2696	1028	44	21.3	60.1	6.33
SI-N10N060HP5	PDFN 5*6-8L	N	SiNgle	No	60	±20	1.2	1.6	2.4	3.1 (3.7)	-	4.6 (5.9)	-	-	75	-	61	-	-	3162	714	47	-	59.9	12.6
SI-N10N060HM0	TO-252	N	SiNgle	No	60	±20	1.2	1.6	2.4	2.6 (2.9)	-	3.7 (4.2)	-	-	100	-	100	-	-	2696	1028	44	38.2	68.8	9.24
SI-N10N060HB	TO-263	N	SiNgle	No	60	±20	1.2	1.6	2.4	3.2 (3.5)	-	4.3 (4.8)	-	-	80	-	80	-	-	2696	1028	44	38.2	68.8	9.24
SI-N10N060HH	TO-220	N	SiNgle	No	60	±20	1.2	1.6	2.4	3.6 (4)	-	4.9 (5.3)	-	-	116	-	73	-	-	2647	794	32	29	55.3	11.2
SI-N10N060HHF	TO-220F	N	SiNgle	No	60	±20	1.2	1.6	2.4	3.8 (4.5)	-	4.9 (6.3)	-	-	56	-	56	-	-	3148	716	45	29	59.2	11
SI-N12N060HR8	SOP-8	N	SiNgle	No	60	±20	1.1	1.7	2.2	8.4 (10.5)	-	14 (17.5)	-	-	24.8	-	15.7	-	-	846	243	22	8.3	16.4	3.8

SI-N12N060HF0	TO-251	N	SiNgle	No	60	±20	1.1	1.7	2.2	8.4 (10.5)	-	13.5 (18)	-	-	58	-	36	-	-	811	302	36	-	15.7	3.1
SI-N5BN080HP5	PDFN 5*6- 8L	N	SiNgle	No	80	±20	2	3	4	2.8 (3.8)	-	-	-	-	45	-	28	-	-	3732	1187	49	25.5	71.8	18.7
SI-N5BN080HH	TO-220	N	SiNgle	No	80	±20	2	3	4	2.8 (3.8)	-	-	-	-	120	-	120	-	-	3732	1187	49	25.5	71.8	18.7
SI-N3BN080HP1	PDFN 3.3*3.3-8L	N	SiNgle	No	80	±20	1.2	1.6	2.4	5.6 (6.2)	-	7.3 (8.1)	-	-	66	-	42	-	-	2108	363	35	20.4	41.8	9.2
SI-N3BN080HR8	SOP-8	N	SiNgle	No	80	±20	1	1.5	2.3	5.5 (5.9)	-	7.2 (7.8)	-	-	-	-	-	14	11	2532	317	13	23	-	8
SI-N3BN080HP5	PDFN 5*6- 8L	N	SiNgle	No	80	±20	1.2	1.6	2.4	5.2 (5.7)	-	6.8 (7.4)	-	-	85	-	60	-	-	2108	363	35	20.4	41.8	9.2
SI-N3BN080HMO	TO-252	N	SiNgle	No	80	±20	1.2	1.6	2.4	5.7 (6.2)	-	7.3 (7.8)	-	-	60	-	60	-	-	2108	363	35	20.4	41.8	9.2
SI-N3BN080HH	TO-220	N	SiNgle	No	80	±20	1.2	1.6	2.4	5.9 (6.4)	-	7.5 (8)	-	-	80	-	60	-	-	1668	476	22	16.6	32.3	6.3
SI-N3BN080HHP5	PDFN 5*6- 8L	N	SiNgle	No	80	±20	2	3	4	5.9 (6.4)	-	-	-	-	80	-	60	-	-	1456	435	21	-	30.4	8.51
SI-N3BN080HHH	TO-220	N	SiNgle	No	80	±20	2	3	4	6.4 (6.9)	-	-	-	-	80	-	60	-	-	1456	435	21	-	30.4	8.51
SI-N3BN080HHB	TO-263	N	SiNgle	No	80	±20	2	3	4	6.4 (6.9)	-	-	-	-	80	-	60	-	-	1456	435	21	-	30.4	8.51
SI-N5BN100HP5	PDFN 5*6- 8L	N	SiNgle	No	100	±20	2	3	4	3.1 (3.9)	-	-	-	-	100	-	100	-	-	6434	752	44	-	105	26
SI-N5BN100HH	TO-220	N	SiNgle	No	100	±20	2	3	4	3.1 (3.9)	-	-	-	-	100	-	100	-	-	6434	752	44	-	105	26
SI-N5BN100HB	TO-263	N	SiNgle	No	100	±20	2	3	4	3.1 (3.9)	-	-	-	-	100	-	100	-	-	6434	752	44	-	105	26
SI-N15BN100HP5	PDFN 5*6- 8L	N	SiNgle	No	100	±20	1.2	1.8	2.5	3.8 (4.4)	-	5.0 (6.1)	-	-	43.2	-	27.3	-	-	3694	617	42	-	78	14.6
SI-N15BN100HH	TO-220	N	SiNgle	No	100	±20	1.2	-	2.5	4.4 (5.2)	-	5.7 (7.3)	-	-	109	-	69	-	-	3694	617	42	-	78	14.6
SI-N15BN100HHF	TO-220F	N	SiNgle	No	100	±20	1.2	1.8	2.5	5 (5.9)	-	6.2 (8)	-	-	60	-	38	-	-	3741	573	41	-	76.2	14
SI-N15BN100HB	TO-263	N	SiNgle	No	100	±20	1.2	1.8	2.5	4.5 (5.4)	-	5.9 (7.7)	-	-	74	-	47	-	-	3781	567	39	-	74.7	15.4

SI-N16N100HR8	SOP-8	N	SiNgle	No	100	±20	1.2	1.5	2.5	6.6 (8.1)	-	8.5 (10.2)	-	-	24.8	-	15.7	-	-	2561	355	13	-	56.2	10.3
SI-N16N100HF0	TO-251A	N	SiNgle	No	100	±20	1.2	1.5	2.5	6.5 (8)	-	8 (11)	-	-	64	-	40	-	-	2554	364	29	-	55.7	9.82
SI-N16N100HM0	TO-252	N	SiNgle	No	100	±20	1.2	1.5	2.5	6.5 (8)	-	8 (11)	-	-	58	-	36	-	-	2554	364	29	-	55.7	9.82
SI-N16N100HP5	PDFN 5*6- 8L	N	SiNgle	No	100	±20	1.2	1.5	2.5	6 (8)	-	8 (10)	-	-	39.2	-	24.8	-	-	2561	355	13	-	56.2	10.3
SI-N16N100HH	TO-220	N	SiNgle	No	100	±20	1.2	1.5	2.5	7.3 (8.9)	-	9.4 (12)	-	-	56	-	44	-	-	2479	360	38	-	50.8	9.42
SI-N3EN100HP1	PDFN 3.3*3.3-8L	N	SiNgle	No	100	±20	1	1.8	2.5	7.2 (8.5)	-	10.5 (13.5)	-	-	55	-	35	-	-	1988	664	6.8	12.6	-	5.82
SI-N3EN100HR8	SOP-8	N	SiNgle	No	100	±20	1.2	1.6	2.4	7 (7.8)	-	9.6 (11.5)	-	-	-	-	-	13	11	2363	283	8	26	48	8.43
SI-N3EN100HP5	PDFN 5*6- 8L	N	SiNgle	No	100	±20	1.2	1.6	2.4	6.5 (7.5)	-	9 (11)	-	-	47	-	30	-	-	2363	283	8	26	48	8.43
SI-N3EN100HM0	TO-252	N	SiNgle	No	100	±20	1	1.8	2.4	7.8 (9.6)	-	9.5 (12.5)	-	-	71	-	45	-	-	2048	684	7	13	-	6
SI-N3EN100HF0	TO-251A	N	SiNgle	No	100	±20	1	1.8	2.5	7.2 (7.9)	-	9 (10.5)	-	-	71	-	45	-	-	2048	684	7	13	-	6
SI-N3EN100HH	TO-220	N	SiNgle	No	100	±20	1.2	1.6	2.4	8 (10)	-	11 (13)	-	-	77	-	49	-	-	2363	283	8	26	48	8.43
SI-N3EN100HHF	TO-220F	N	SiNgle	No	100	±20	1.2	1.6	2.4	8 (10)	-	11 (15)	-	-	48	-	30	-	-	2363	283	8	26	48	8.43
SI-N3EN100HH	TO-220	N	SiNgle	No	100	±20	1	1.8	2.4	8 (10)	-	11 (16)	-	-	67	-	42	-	-	2374	282	10	26.5	47.9	7.9
SI-N13N100HH	TO-220	N	SiNgle	No	100	±20	1.2	1.7	2.5	8 (10)	-	12 (14)	-	-	66	-	42	-	-	1739	266	10	-	38.1	7.6
SI-N13N100HP5	PDFN 5*6- 8L	N	SiNgle	No	100	±20	1.2	1.7	2.5	7.8 (10)	-	10.8 (14)	-	-	41	-	26	-	-	1591	274	32	-	34.1	6.6
SI-N14N100HR8	SOP-8	N	SiNgle	No	100	±20	1.2	1.7	2.5	14.4 (16)	-	19.4 (23)	-	-	18.7	-	11.8	-	-	884	213	28	11.8	22	4.49

[illegible]

