

New Jersey Semi-Conductor Products, Inc.

V <sub>CEO</sub> (V)	V <sub>CE0</sub> (V)	I <sub>c(DC)</sub> (A)	P <sub>c</sub> (W)	P <sub>ce</sub> (W)	I <sub>CB0</sub> (μA)	V <sub>CB</sub> (V)	h <sub>FE</sub> (min)	h <sub>FE</sub> (max)	V <sub>CE</sub> (V)	I <sub>c/I<sub>E</sub></sub> (A)	V <sub>CE(sat)</sub> (V)	V <sub>BE(sat)</sub> (V)	V <sub>BE(sat)</sub> (max)	V <sub>BE(sat)</sub> (max)	I <sub>c</sub> (A)	I <sub>b</sub> (A)	Package	Part No.
-15	-8	-0.03	0.2		-0.1	-5	20		-5	-0.01							TU-92	2SA1161
-50	-50	-0.15	0.15		-0.1	-50	70	400	-6	-0.002	-0.3				-0.1	-0.01	(SC-58(2-3F1*))	2SA1162
-120	-120	-0.1	0.15		-0.1	-120	200	700	-6	-0.002	-0.3				-0.01	-0.001	(SC-58(2-3F1*))	2SA1163
-80	-80	-0.05	0.15		-0.5	-75	250	800	-12	-0.002	-0.5				-0.01	-0.002	(SC-59(MPAK))	2SA1171
-140	-140	-0.05		2	-0.1	-140	90	400	-10	-0.01	-0.6				-0.02	-0.002	SC-62	2SA1173
-120	-120	-50	0.3		-0.05	-120	200	800	-6	-0.001	-0.3				-0.01	-0.001	TO-92	2SA1174
-60	-50	-0.1	0.25		-0.1	-60	110	600	-6	-0.001	-0.3				-0.1	-0.01	(SST)	2SA1175
-30	-20	-0.03	0.15		-0.1	-10	60	320	-6	-0.001							(NPA)	2SA1177
-55	-50	-0.15	0.2		-0.1	-35	90	600	-6	-0.001	-0.5				-0.05	-0.005	(SC-59(CP))	2SA1179
-35	-30	-0.5	0.15		-0.1	-35	70	240	-1	-0.1	-0.25				-0.1	-0.01	(SC-58(2-3F1*))	2SA1182
-50	-50	-7		60	-1000	-50	60	320	-5	-1	-0.8				-7	-0.7	SC-65(a)	2SA1185
-150	-150	-10	100		-100	-150	30	30	-4	-3	-2				-5	-0.5	(MT100)	2SA1186
-90	-90	-0.1	0.4		0.1	-70	250	800	-12	-0.002	-0.15				-1	-0.01	TO-92	2SA1188
-120	-120	-0.1	0.4		0.1	-70	250	800	-12	-0.002	-0.15				-1	-0.01	TO-92	2SA1189
-90	-90	-0.1	0.4		0.1	-70	250	800	-12	-0.002	-0.15				-1	-0.01	TO-92	2SA1190
-120	-120	-0.1	0.4		0.1	-70	250	800	-12	-0.002	-0.15				-1	-0.01	TO-92	2SA1191
-60	-60	-0.5	0.9		-1	-60	2000		-3	-0.25	-1.5				-2	-0.25	(TO-92MOD)	2SA1193K
-60	-60	-1		8	-1	-60	1000		-3	-0.5	-2				-2	-0.5	(TO-126)	2SA1194K
-160	-160	-1.5	2	15	-1	-150	60	200	-5	-0.2	-1				-0.5	-0.05	(TO-202MOD)	2SA1195
-80	-80	-0.05	0.4		-0.5	-75	180	820	-6	-0.002	-0.5				-0.01	-0.001	TO-92	2SA1198
-80	-80	-0.05	0.3		-0.5	-75	180	820	-6	-0.002	-0.5				-0.01	-0.001	(SPT)	2SA1198S
-50	-40	-0.7	0.4		-0.5	-30	120	560	-6	-0.01	-0.6				-0.5	-0.05	TO-92	2SA1199
-50	-40	-0.7	0.3		-0.5	-30	120	560	-6	-0.01	-0.6				-0.5	-0.05	(SPT)	2SA1199S
-150	-150	-0.05	0.5	0.8	-0.1	-150	70	240	-5	-0.01	-0.8				-0.01	-0.001	SC-62	2SA1200
-120	-120	-0.8	0.5	1	-0.1	-120	80	240	-5	-0.1	-1				-0.5	-0.05	SC-62	2SA1201
-80	-80	-0.4	0.5	1	-0.1	-80	70	240	-2	-0.05	-0.4				-0.2	-0.02	SC-62	2SA1202
-30	-30	-1.5	0.5	1	-0.1	-35	100	320	-2	-0.5	-2				-1.5	-0.05	SC-62	2SA1203
-35	-30	-0.8	0.5	1	0.1	-35	100	320	-1	-0.1	0.7				-0.5	-0.02	SC-62	2SA1204
-15	-15	-0.05	0.6		-0.1	-8	50	150	-1	-0.01	-0.2				-0.95	-0.01	TO-9	2SA1206
-160	-160	-0.07	0.6		-0.1	-80	100	400	-5	-0.01	0.4				-0.03	-0.003	TO-9	2SA1207
-180	-180	-0.07	0.9		-0.1	-80	100	400	-5	-0.01	-0.4				-0.03	-0.003	SC-51	2SA1208
-180	-180	-0.14		10	-0.1	-80	100	400	-5	-0.01	-0.4				-0.03	-0.003	(TO-126)	2SA1209
-200	-200	-0.14		10	-0.1	-160	100	400	-5	-0.01	-0.4				-0.05	-0.005	(TO-126)	2SA1210
-50	-50	-2	0.5	1	-0.1	-50	70	240	-2	-0.5	-0.5				-1	-0.05	SC-62	2SA1213
-160	-160	-15	150		-100	-160	50	50	-4	-5	-2				-5	-0.5	(MT200)	2SA1215
-180	-180	-17	200		-100	-180	30	30	-4	-8	-2				-8	-0.8	(MT200)	2SA1216

