

PartNumber	Absolutes maximum ratings (Ta=25°C)					Electrical characteristics (Ta=25°C)					°n°i
	VCBO	VEBO	Ic	Pc	Tj	DC Current Gain hFE		fab/ft*	Cob		
	(V)	(V)	(mA)	(mW)	(°C)	VCE(V)	Ic(mA)	(MHz)	(pF)		
2SA100	-40	-0.7	-10	60	75				20	1.7	
2SA101	-40	-0.7	-10	60	75				15	1.7	MC101
2SA102	-40	-0.7	-10	60	75				25	1.7	MC102
2SA103	-40	-0.7	-10	60	75				35	1.7	MC103
2SA104	-40	-0.7	-10	60	75				50	1.7	MC104
2SA105	-6	-0.5	-10	80	85				75	3	
2SA106	-6	-0.5	-10	80	85				30	3	
2SA107	-6	-0.5	-10	80	85				20	3	
2SA108	-20	-0.5	-10	80	85				50	2.3	2S108
2SA109	-20	-0.5	-10	80	85				45	2.3	2S109
2SA110	-20	-0.5	-10	80	85				40	2.3	2S110
2SA111	-20	-0.5	-10	80	85				30	2.3	2S111
2SA112	-20	-0.5	-10	80	85				20	2.3	2S112
2SA113	-34	-1	-10	80	85				20	2	
2SA114	-34	-1	-10	80	85				20	2	
2SA115	-34	-1	-10	80	85				30	2	
2SA116	-30	-0.5	-10	80	85				120	2	
2SA117	-30	-0.5	-10	80	85				110	2	
2SA118	-30	-0.5	-10	80	15				100	2	
2SA119	-40		-300	650	175				200*	4.5	
2SA120	-25	-4	-300	650	175				200*	4.5	
2SA121	-15		-2	15	65				100	1.3	2S173 2T201
2SA122	-15		-2	15	65				100	1.3	2T201
2SA123	-15		-2	15	65				100	1.3	2T201
2SA124	-15		-2	15	65				120	1.3	2S138
2SA125	-15		-2	15	65				120	1.3	2S139
2SA126	-12	-1	-50	150	100	40	-0.5	-10	300		
2SA127	-70	-0.5	-50	150	75				25	15	
2SA128	-40	-2	-600	170	75	35	-1.5	-600	>15	<25	
2SA129	-10	-2	-600	170	75	70	-1.5	-600	>15	<25	
2SA130	-9	-0.5	-10	80	85				65	4	
2SA131	-9	-0.5	-10	80	85				45	4	
2SA132	-9	-0.5	-10	80	85				50	I	
2SA133	-9	-0.5	-10	80	85				40	4	
2SA134	-20	-0.5	-10	80	85				140	3	
2SA135	-20	-0.5	-10	80	85				150	3	
2SA136	-6	-0.5	-10	80	85				10	13	
2SA137	-6	-0.5	-10	80	85				5	13	
2SA138	-20	-10	-200	175	85	70	-1	-10	10		
2SA139	-30	-10	-200	175	85	70	-1	-50	8		
2SA141	-15	-1.5	-15	80	85				4	12	TJ41
2SA142	-15	-1.5	-15	80	85				8	12	TJ42
2SA142A	-40	-1.5	-15	80	85				8	11	
2SA143	-15	-1.5	-15	80	85				15	12	TJ43
2SA144	-15	-10	-10	80	75				15	10.5	OC44
2SA145	-15	-10	-10	80	75				6	10.5	OC45
2SA146	-20	-0.5	-10	60	85				20	2.5	TJ46
2SA147	-20	-0.5	-10	60	85				30	2.5	TJ47
2SA148	-20	-0.5	-10	60	85				40	2.5	TJ48

2SA149	-20	-0.5	-10	60	85				50	2.5	TJ49
2SA151	-9	-0.5	-15	80	85				6	13.5	
2SA152	-9	-0.5	-15	80	85				10	13.5	
2SA153	-15	-1.5	-4	20	65				60	1.3	2S153 ST27B
2SA154	-15	-0.5	-4	20	65				50	1.5	2S154 ST28A
2SA155	-15	-0.5	-4	20	65				55	1.5	2S155 ST28B
2SA156	-15	-0.5	-4	20	65				55	1.5	2S156 ST28C
2SA157	-15	-0.5	-4	20	65				65	1.5	2S157 ST29
2SA159	-15	-0.5	-4	20	65				55	1.5	2S159 ST37E
2SA160	-15	-0.5	-4	20	65				55	1.5	2S160
2SA161	-20		-15	50	85				400*	1.2	
2SA162	-20		-15	50	85				400*	1.2	
2SA163	-20		-15	50	85				400*	1.2	
2SA164	-20		-15	50	85				400	1.2	
2SA165	-20		-15	50	85	24	-3	-1	450*	1.7	
2SA166	-20		-15	50	85				400*	1.2	
2SA167	-20	-10	-50	125	75				9	15	2S167 ST20A
2SA168	-20	-10	-50	175	75				9	15	2S168 ST20AR
2SA168A	-20	-10	-50	175	75				9	15	
2SA169	-20	-10	-50	125	75	70	-1	-10	15	11	2S169 ST20E
2SA170	-20	-10	-50	175	75	70	-1	-10	15	11	2S170 ST20ER
2SA171	-20	-10	-50	125	75	60	-1	-10	8	11	2S171
2SA172	-20	-10	-200	175	75	40	-0.4	-200	8	11	2S172
2SA173	-20	-10	-50	125	75	60	-1	-10	4	13	2S173
2SA174	-20	-10	-50	175	75	60	-1	-10	4	13	2S174
2SA175	-18	-0.5	-5	55	75				85	2	2S175
2SA176	-18	-0.5	-5	55	75				85	2.5	2S176
2SA178	-18	-0.5	-5	55	75					2	
2SA180	-15	-15	-10	50	75				10	12	
2SA181	-15	-15	-10	50	75				5	12	
2SA182	-15	-15	-10	50	75				5	12	
2SA183	-15	-15	-10	50	75				16	12	
2SA184	-15	-15	-10	50	75				3	12	
2SA188	-12	-0.5	-15	80	85				10	10	
2SA189	-12	-0.5	-15	80	85				6	10	
2SA190	-20	-0.5	-15	80	80				40	2.6	
2SA191	-20	-0.5	-15	80	80				20	2.6	
2SA192	-20	-0.5	-15	80	80				13	3.2	
2SA193	-15	-12	-15	80	80				13	10	
2SA194	-15	-12	-15	80	80				7	10	
2SA195	-15	-12	-15	80	80				4	10	
2SA196	-15	-12	-15	80	80				2.5	10	
2SA197	-15	-15	-10	50	75					12	
2SA198	-15	-5	-5	30	75					12	
2SA199	-15	-5	-5	30	75					11	
2SA200	-15	-5	-5	30	75					11	