

GTM ELECTRONICS

TO-251 Bipolar Transistors

Part No.	NPN OR PNP	Maximum Ratings				Electrical Characteristics (TA=25°C)											Pin Style 123
		BV _{CBO}	BV _{CEO} BV _{CES}	I _C	PD T _c 25°C	I _{CEO} I _{CBO} I _{CES} I _{CEX} I _{CEV}	MAX		h _{FE} Typ		I _C	V _{CE}	MAX		f _T MIN Typ #	C _{ob} MAX Typ #	
							V _{CB} V _{CE} V _{CEV}	MIN	MAX	V _{CE} (SAT)			I _C	I _B			
GI1060	NPN	60	50	5	20	100	40	70	280	1	2	0.4	3	300	#30	#100	BCE
GI1182	PNP	-40	-32	-2	10	-1	-20	82	390	-0.5	-3	-0.8	-2	-200	#100	#50	BCE
GI1202	PNP	-60	-50	-3	15	-1	-40	100	560	-0.1	-2	-0.7	-2	-100	#150	#39	BCE
GI122	NPN	100	100	5	20	10	100	1K	-	3	3	2	3	16	-	200	BCE
GI127	PNP	-100	-100	-5	20	-10	100	1K	-	-3	-3	-2	-3	-12	-	300	BCE
GI1386	PNP	-30	-20	-5	20	-0.5	-20	82	580	-0.5	-2	-1	-4	-100	#110	#60	BCE
GI1952	PNP	-100	-60	-5	10	-10	-100	120	270	-1	-2	-0.5	-4	-200	#80	#130	BCE
GI31C	NPN	100	100	3	15	50	60	10	50	3	4	1.2	3	375	3	-	BCE
GI32C	PNP	-100	-100	-3	15	-50	-60	10	50	-3	-4	-1.2	-3	-375	3	-	BCE
GI3669	NPN	80	80	2	1.25	1	80	70	240	0.5	2	0.5	1	50	#100	#30	BCE
GI41C	NPN	100	100	6	20	10	100	15	75	3	4	1.5	6	600	3	-	BCE
GI42C	PNP	-100	-100	-6	20	-10	-100	15	75	-3	-4	-1.5	-6	-600	3	-	BCE
GI4672	NPN	60	50	2	10	0.1	60	120	400	0.5	2	0.35	1	50	#210	#25	BCE
GI5103	NPN	100	60	5	10	10	100	120	270	1	2	0.5	4	200	#210	80	BCE
GI5706	NPN	80	80	5	15	1	40	200	560	0.5	2	0.24	2	100	#400	#15	BCE
GI772	PNP	-40	-30	-3	10	-1	-30	100	500	-1	-2	-0.5	-2	-200	#80	#55	BCE
GI8050	NPN	40	25	1.5	1	0.1	35	120	500	0.1	1	0.5	0.8	80	100	#9	BCE
GI8550	PNP	-40	-25	-1.5	1	-0.1	-35	120	500	-0.1	-1	-0.5	-0.8	-80	100	#9	BCE
GI882	NPN	40	30	3	10	1	30	100	500	1	2	0.5	2	200	#90	#45	BCE
GI965	NPN	40	20	5	2	0.1	60	230	800	0.5	2	1	3	100	#150	50	BCE
GISD1802	NPN	60	50	3	20	1	40	100	560	0.1	2	0.5	2	100	#150	#25	BCE
GISD1803	NPN	60	50	5	20	1	40	70	400	0.5	2	0.4	3	150	#180	#40	BCE
GISD1804	NPN	60	50	8	20	1	40	70	400	0.5	2	0.4	4	200	#180	#65	BCE

量産	未量産	有様品	工程實驗未産出
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