

Medium Power Amplifiers and Switches

TYPE NO.	POLARITY	CASE	MAXIMUM RATINGS			HFE		IC (mA)	VCE (V)	VCE(sat)		fT (MHz)	Cob max (pF)	COMPLEMENTARY TYPE
			Pd (mW)	IC (A)	VCEO (V)	min	max			max (V)	(A)			
BFY67	N	TO-39	800	0.5	30	40	120	150	10	1.5	0.15	60	25	-
BFY68	N	TO-39	800	0.5	30	100	300	150	10	1.5	0.15	70	25	-
BFY72	N	TO-39	800	-	28	40	150	150	10	0.7	0.5	250	8	-
BFY94	P	TO-39	3000□	-	40	40	-	0.1	10	0.4	0.05	100	20	-
BSS59	N	TO-18	500	1	80	300+	-	150	10	0.2	0.15	100	12	-
BSV15	P	TO-39	5000□	1	40	40	250 #	100	1	1	0.5	50	30	-
BSV16	P	TO-39	5000□	1	60	40	250 #	100	1	1	0.5	50	30	-
BSV17	P	TO-39	5000□	1	80	40	160 #	100	1	1	0.5	50	25	-
BSV82	P	TO-39	5000□	1	80	30	-	150	0.5	0.5	0.5	-	-	-
BSV84	N	TO-39	800	1	70	40	-	150	1	1	0.5	60	25	-
BSW39	N	TO-39	790	1	80	40	250 #	100	1	0.4	0.5	50	20	-
BSW40	P	TO-39	790	1	80	40	400 #	100	1	0.4	0.5	50	20	-
BSW51	N	TO-39	800	0.8	30	40	120	150	10	0.4	0.15	250	8	-
BSW52	N	TO-39	800	0.8	30	100	300	150	10	0.4	0.15	250	8	-
BSW53	N	TO-39	800	0.8	40	40	120	150	10	0.3	0.15	250	8	-
BSW54	N	TO-39	800	0.8	40	100	300	150	10	0.3	0.15	300	8	-
BSW61	N	TO-18	500	0.8	30	40	120	150	10	0.4	0.15	250	8	-
BSW62	N	TO-18	500	0.8	30	100	300	150	10	0.4	0.15	250	8	-
BSW63	N	TO-18	500	0.8	40	40	120	150	10	0.3	0.15	250	8	-
BSW64	N	TO-18	500	0.8	40	100	300	150	10	0.3	0.15	300	8	-
BSW65	N	TO-39	800	1	80	30	-	500	5	0.4	0.5	80+	35	-
BSX33	N	TO-18	500	1	40	40	-	150	10	0.25	0.15	40	25	-
BSX45	N	TO-39	5000□	1	40	40	250 #	100	1	1	1	50	25	-
BSX46	N	TO-39	5000□	1	60	40	250 #	100	1	1	1	50	20	-
BSX47	N	TO-39	5000□	1	80	40	160 #	100	1	0.9	0.5	50	15	-
BSX48	N	TO-18	1000□	0.6	25	17	-	100	1	1.5	0.5	250	6	-
BSX95	N	TO-39	800	0.5	30	40	120	150	10	0.2	0.15	100	25	-
BSX96	N	TO-39	800	0.5	30	100	300	150	10	0.2	0.15	100	25	-
BSX97	N	TO-18	400	0.5	25	40	-	150	10	0.45	0.15	200	8	-
BSY44	N	TO-39	800	1	50	40	120	150	10	1.5	0.15	60	25	-
BSY45	N	TO-39	800	1	80	40	120	150	10	5	0.15	50	15	-
BSY46	N	TO-39	800	1	50	40	120	150	10	0.35	0.15	50	20	-
BSY51	N	TO-39	800	0.5	25	40	120	150	10	0.8	0.15	100	10	-
BSY52	N	TO-39	800	0.5	25	100	300	150	10	0.8	0.15	100	10	-
BSY53	N	TO-39	900	0.75	30	40	120	150	10	1.2	0.5	100	10	-
BSY54	N	TO-39	800	0.75	30	100	300	150	10	1.2	0.5	145	10	-
BSY55	N	TO-39	800	0.5	80	40	120	150	10	0.6	0.15	100	10	-
BSY56	N	TO-39	800	0.5	80	100	300	150	10	0.6	0.15	145	10	-
BSY71	N	TO-39	800	1	50	100	300	150	10	1.5	0.15	50	25	-
BSY81	N	TO-39	800	1	18	40	120	150	10	1.2	1	100	15	-
BSY82	N	TO-39	900	1	18	100	300	150	10	1.2	1	100	15	-
BSY83	N	TO-39	900	1	35	40	120	150	10	1.2	1	100	15	-
BSY84	N	TO-39	900	1	35	100	300	150	10	1.2	1	100	15	-
BSY85	N	TO-39	900	1	64	40	120	150	10	1.2	1	100	15	-
BSY86	N	TO-39	900	1	64	100	300	150	10	1.2	1	100	15	-
BSY87	N	TO-39	800	0.5	60	40	120	150	10	0.6	0.15	100	10	-
BSY88	N	TO-39	800	0.5	25	100	300	150	10	0.6	0.15	100	10	-
BSY90	N	TO-39	800	0.5	60	250	-	150	10	0.8	0.15	170	10	-
BSY91	N	TO-39	800	0.5	25	30	-	5	10	1	0.02	50	25	-
BSY92	N	TO-39	800	0.3	40	60	-	10	2	1.5	0.05	50	25	-

HFE grouping available + typical value □ Tc=25°C