

Germanium PNP Transistors

Type	Con- struction	P _c Max. (mW)	Typical f _T or *f ₁ † fab (MHz)	Absolute Max. Ratings				Typical h _{FE} at (mA) (or *h _{FE})	Max I _{CBO} at V _{CB}		Application	Base Ref.
				V _{CB0} (V)	V _{CE0} (V)	V _{EB0} (V)	I _C (mA)		μA	V		
SGS-ATES (Continued)												
<i>Current Types (Continued)</i>												
AD262	A	10W	—	-35	-20	—	4A	110 at 500	—	—	} Audio amps.	1
AD263	A	10W	—	-60	-40	—	4A	102 at 500	—	—		1
AD142	A	30W	—	-80	—	—	10A	115 at 1A	—	—		1
AD143	A	30W	—	-40	—	—	10A	115 at 1A	—	—		1
AD143R	A	30W	—	-35	-25	—	10A	115 at 1A	—	—	1	
AU108	—	30W	—	-100	—	—	10A	117 at 700	—	—	} TV line outputs	1
AU108F	—	30W	—	-100	—	—	10A	185 at 1A	—	—		1
AU110	—	30W	—	-160	—	—	10A	55 at 1A	—	—		1
AU107	—	30W	2	-200	—	—	10A	77 at 700	—	—	} TV frame outputs	1

TUNGSRAM

<i>Current Types</i>												
AC128	AJ	700	1.5*	-32	-32	-10	1A	90 at 300	10	10	Class A output	4
AC188	AJ	800	1.5	-25	-15	-10	1A	200 at 300	200	25	} A. F. output	4
AD162	AJ	3W	1.5	-32	-20	-10	1A	150 at 500	20	10		1
AD149	AJ	22.5W	0.5	-50	-50	-20	3.5A	65 at 1A	350	14	Class B output	1

Germanium NPN Transistors

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				V _{CB0} (V)	V _{CE0} (V)	V _{EB0} (V)	I _C (mA)		μA	V		
MULLARD												
<i>Replacement Types</i>												
ASY28	A	125	4*	30	—	—	100	55 at 20	3	5	} General purpose	2
ASY29	A	125	6*	25	—	—	100	100 at 20	3	5		2
2N1302	A	150	4	25	—	—	300	105 at 1	6	25	} Medium speed logic and general purpose	2
2N1304	A	150	6	25	—	—	300	120 at 1	6	25		2
2N1306	A	150	9	25	—	—	300	135 at 1	6	25		2
2N1308	A	150	16	25	—	—	300	170 at 1	6	25	2	
<i>Current Types</i>												
ASY74	AJ	140	6‡	30	15	—	400	35‡ at 200	—	—	Switching	2
AC127	AJ	340	2.5	32	12	—	500	100 at 20	—	—	General purpose	4
AC176	AJ	700	—	32	32	—	1A	100 at 500	30	10	} Audio amplifiers	4
AC187	AJ	800	—	25	15	10	1A	200 at 300	100	25		4
AD161	AJ	4W	3	32	20	10	3A	150 at 500	25	10		1

‡ Minimum value

NEWMARKET

<i>Current Types</i>												
ASY28	A	150	>4	30	15	20	300	715 at 20	3	5	} R. F. amplifiers	2
ASY29	A	150	1	25	15	20	300	100 at 20	3	5		2
2N1302	—	150	—	—	25	—	300	20‡ at 10	6	25	} R. F. switching	2
2N1304	—	150	—	—	20	—	300	120 at 10	6	25		2
2N1306	—	150	—	—	15	—	300	180 at 10	6	25		2
2N1308	—	150	—	—	15	—	300	80‡ at 10	6	25	2	
AC176	A	215	1	32	20	5	1A	120 at 500	30	10	A. F. amplifiers	4

‡ Minimum value