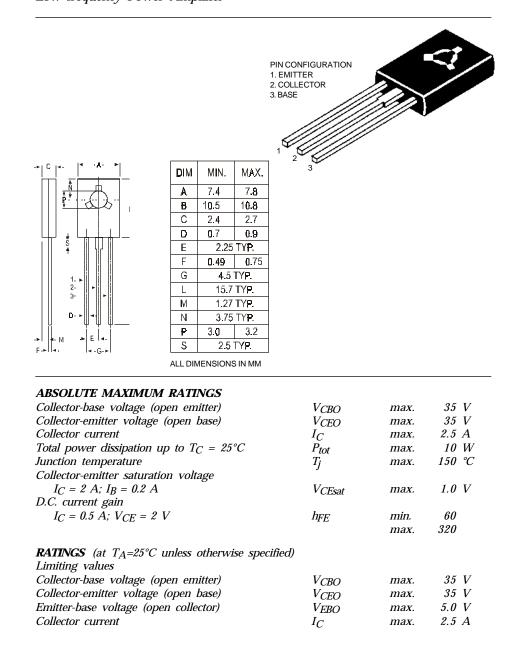


TO-126 (SOT-32) Plastic Package

CSA715

CSA715 PNP PLASTIC POWER TRANSISTOR

Complementary to CSC1162 Low frequency Power Amplifier



Collector current (Peak value) Total power dissipation up to $T_A = 25^{\circ}C$ Total power dissipation up to $T_C = 25^{\circ}C$ Junction temperature Storage temperature	I _C P _{tot} T _j T _{stg}	max. max. max. max. -65 to	3 A 0.75 W 10 W 150 ℃ 0 +150 ℃
CHARACTERISTICS $T_{amb} = 25^{\circ}C$ unless otherwise specified			
Collector cutoff current $I_E = 0; V_{CB} = 35 V$ Breakdown voltages	I _{CBO}	max.	20 µA
$I_C = 10 \text{ mA; } I_B = 0$	VCEO	min.	35 V
$I_C = 1 mA; I_E = 0$	VCBO	min.	35 V
$I_E = 1 mA; I_C = 0$	VEBO	min.	5 V
Saturation voltage	2200		
$I_C = 2 A; I_B = 0.2 A$	V _{CEsat}	max.	1.0 V
Base-emitter on voltage			
$I_C = 1.5 A; V_{CE} = 2 V$	$V_{BE(on)}$	max.	1.5 V
D.C. current gain			
$I_C = 0.5 A; V_{CE} = 2 V^{**}$	h_{FE}	min.	60
		max.	320
$I_C = 1.5 A; V_{CE} = 2 V (Pulse)$	h_{FE}	min.	20
Transition frequency			
$I_C = 0.2 A; V_{CE} = 2 V$	f_T	typ.	160 MHz

** h_{FE} classification: B: 60-120 C: 100-200 D: 160-320

Notes

Disclaimer

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Data Sheet