查询CSA968供应商

捷多邦,专业PCB打样工厂,24小时加急出货



Continental Device India Limited

An ISO/TS16949 and ISO 9001 Certified Company



TO-220 Plastic Packa	ge	CSA96	8, CSA	\968 <i>/</i>	A, CS	A968	В	
CSA968, 968A, 968 Complementary CSC2 Power Amplifier Appl	238, 2238A, 2238 <mark>B</mark>						ORS	
推库 ^{电子}		PIN CONFIG 1. BASE 2. COLLECTO 3. EMITTER 4. COLLECTO	OR				4	
		14.42 9.63 3.56 1.15 3.75 2.29 2.54	MAX. 16.51 10.67 4.83 0.90 1.40 3.88 2.79 3.43 0.56 14.73 4.07					
$\begin{array}{c} \downarrow \qquad \bigcirc \bigcirc$		2.03	2.92 31.24 G 7	E	Ē	B-	FT.	
ABSOLUTE MAXIMUM Collector-base voltage (op Collector-emitter voltage (Collector current Total power dissipation up Junction temperature	en emitter) (open base)	V _{CBO} V _{CEO} I _C P _{tot} T:	max. max. max.	968 160 160	968A 180 180 1.5 25 150	968B 200 200	V V A W °C	
Collector-emitter saturation $I_C = 500 \text{ mA}; I_B = 500 \text{ mA}; Collector-emitter saturation}$ $I_C = 100 \text{ mA}; V_{CE} = 500 \text{ mA}; V_{CE} = 5000 \text{ mA}; V_{CE} = 500000000000000000000000000000000000$	mA	T _j V _{CEsat} h _{FE}	max. max. min		1.5 70		V	

RATINGS (at $T_A = 25^{\circ}C$ unless otherwise specified)									
Limiting values	eenieu)		968	968A	968B				
Collector-base voltage (open emitter)	VCBO	max.	160	180	200	V			
Collector-emitter voltage (open base)	Vceo	max.	160	180	200	V			
Emitter-base voltage (open collector)	V_{EBO}	max.		5.0		V			



CSA968, CSA968A, CSA968B

Collector current Emitter current Total power dissipation up to $T_C = 25^{\circ}C$ Junction temperature Storage temperature	I_C I_E P_{tot} T_j T_{stg}	max. max. max. max.	-65	1.5 1.5 25 150 5 to +	150	A A W C C
	8					
CHARACTERISTICS						
$T_{amb} = 25^{\circ}C$ unless otherwise specified						
- 11			968			
Collector cutoff current						
$I_E = 0; V_{CB} = 160 V$	I _{CBO}	max.		1.0		μA
Emitter cut-off current						
$I_C = 0; V_{EB} = 5 V$	I _{EBO}	max.		1.0		μA
Breakdown voltages						
$I_{C} = 10 \ mA; \ I_{B} = 0$	V_{CEO}	min.	160	180	200	V
$I_{C} = 1 \ mA; I_{E} = 0$	V_{CBO}	min.	160	180	200	V
$I_E = 1 mA; I_C = 0$	VEBO	min.		5.0		V
Saturation voltage						
$I_{C} = 500 \text{ mA}; I_{B} = 50 \text{ mA}$	V _{CEsat}	max.		1.5		V
Base emitter on voltage	olloui					
$I_C = 500 \text{ mA}; V_{CE} = 5 \text{ V}$	$V_{BE(on)}$	max.		1.0		V
D.C. current gain	DL(01)					
$I_C = 100 \text{ mA; } V_{CE} = 5 V^{**}$	h _{FE}	min.		70		
C C CE	ΓL	max.		240		
Output capacitance at $f = 1$ MHz				~ 10		
$I_E = 0; V_{CB} = 10 V$	C_{o}	typ.		30		pF
Transition frequency	z_0	<i>сур.</i>		00		<i>P</i> ¹
$I_C = 100 \text{ mA}; V_{CE} = 10 \text{ V}$	f_T	typ.		100		MHz
L = 100 mm, $V CE = 10 V$	1	typ.		100		1911 12

** hFE classification: O: 70-140 Y: 120-240

Customer Notes

Disclaimer

The product information and the selection guides facilitate selection of the CDIL's Discrete Semiconductor Device(s) best suited for application in your product(s) as per your requirement. It is recommended that you completely review our Data Sheet(s) so as to confirm that the Device(s) meet functionality parameters for your application. The information furnished on the CDIL Web Site/CD are believed to be accurate and reliable. CDIL however, does not assume responsibility for inaccuracies or incomplete information. Furthermore, CDIL does not assume liability whatsoever, arising out of the application or use of any CDIL product; neither does it convey any license under its patent rights nor rights of others. These products are not designed for use in life saving/support appliances or systems. CDIL customers selling these products (either as individual Discrete Semiconductor Devices or incorporated in their end products), in any life saving/support appliances or systems or applications do so at their own risk and CDIL will not be responsible for any damages resulting from such sale(s).

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Data Sheet