## ADEX-ED12872/4

**Frequency Mixer** Level 7 (LO Power + 7 dBm)

## **Important Note**

This model has been designed, built and tested in our engineering department. Performance data represents model capability. At present it is a non-catalog model. On request, we can supply a final specification sheet, part number and price/delivery information.



**CASE STYLE : CD542** 

Please click "Back", and then click "Contact Us" for Applications support.

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C					
Parameter		Min.	Тур.	Max.	Units
Frequency	<b>LO</b> (f∟ to f∪)	10.1		1710	MHz
	<b>RF</b> (f∟ to f∪)	10.1		1710	MHz
	IF	10		600	MHz
Conversion Loss	mid band		6.6		dB
	Total Range		6.8		dB
LO-RF Isolation	Low Range		66		dB
	Mid Range		56		dB
	Upper Range		39		dB
LO-IF Isolation	Low Range		44		dB
	Mid Range		29		dB
	Upper Range		18		dB
Input IP3			+14.5		dBm
1 dB Compression			+1		dBm

Note: Low Range = [fL to 10fL] Mid Range = [10fL to fU/2]mid band = [2fL to fU/2]

Upper Range = [fu/2 to fu]

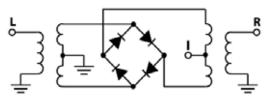
MAXIMUM RATINGS			
Operating Temperature	-40°C to +85°C		
Storage Temperature	-55°C to +100°C		

PIN CONNECTIONS			
LO	6		
RF	3		
IF	2		
GROUND	1,4,5		

P.O. Rox 350168, Brooklyn, New York 11235-0000 (718) 934-4500, Fax (718) 932-4851 For di

FIRE MICROWAVE COME

**Electrical Schematic** 



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Page 1 of 1

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