Engineering Development Model

Frequency Mixer

ADE-ED13045/1

Level 17 (LO Power + 17 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.



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

CASE STYLE: CD542

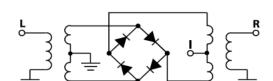
ELECTRICAL SPECIFICATIONS 50Ω @ +25°C						
Parameter		Min.	Тур.	Max.	Units	
Frequency	LO (fL to fU)	200		680	MHz	
	RF (f∟ to f∪)	200		680	MHz	
	IF	10		200	MHz	
Conversion Loss	Total Range		7.2		dB	
LO-RF Isolation			48		dB	
LO-IF Isolation			40		dB	
Input IP3			+27.3		dBm	
1 dB Compression			+12		dBm	

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



Electrical Schematic