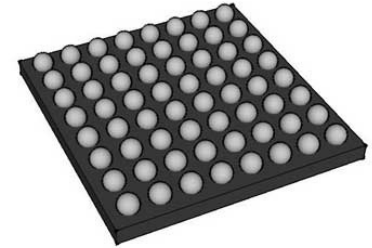


Termination Insensitive Mixer



Images are for reference only

[Inquiry](#)

Manufacturer: [MACOM Technology Solutions](#)

Package/Case: BGA

Product Type: RF Integrated Circuits

RoHS: RoHS Compliant/Lead free 

Lifecycle: Active

General Description

The CSM4T17 is a termination insensitive mixer, designed for use in military, wireless, and test equipment applications. The design utilizes Schottky bridge quad diodes, broadband ferrite baluns and internal loads to provide excellent performance without degradation due to external VSWR mismatches.

Key Features

Lo 1 to 3400 MHz

High Intercept: +25 dBm (Typ.)

Lo Drive: +17 dBm (nominal)

IF 1 to 2000 MHz

RF 1 to 3400 MHz

Aerospace and Defense

ISM

Application

Min Frequency, RF/LO: 1 MHz

Min Frequency, IF: 1 MHz

Conversion Loss: 8 dB

Input P1dB: 14 dBm

LO Drive: 17 dBm

Isolation LO-RF: 35 dB

Max Frequency, IF: 2,000 MHz

Max Frequency, IF: 2,000 MHz

Max Frequency, RF/LO: 3,400 MHz

Recommended For You

CSM2-17

MACOM Technology Solutions

BGA

MACS-007801-0MIRM0

MACOM Technology Solutions

SMD

CSM5T

MACOM Technology Solutions

SurfaceMount

MACS-007802-0MIRS0

MACOM Technology Solutions

BGA

CSMI-13

MACOM Technology Solutions

SMD

CSM5T17

MACOM Technology Solutions

SurfaceMount

CSMI-10

MACOM Technology Solutions

BGA

CSM2-10

MACOM Technology Solutions

BGA

CSM2-13

MACOM Technology Solutions

BGA

CSM4TH

MACOM Technology Solutions

SMT

M4TH

MACOM Technology Solutions

TO-8

MASW-007107-TR3000

MACOM Technology Solutions

PDFN-8

AT-283-PIN

MACOM Technology Solutions

CR-16

MAAD-007086-000100

MACOM Technology Solutions

SOP24

MAAD-000523-TR1000

MACOM Technology Solutions

QFN