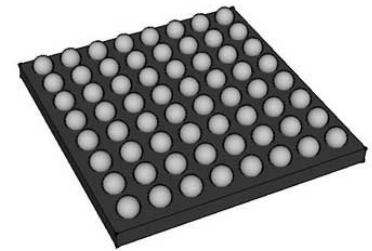


## Up/Down Conv Mixer 2.8GHz 3-Pin SMD



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 CSM2-17 is a double balanced mixer, designed for use in the high volume wireless applications. The design utilizes Schottky ring quad diodes and broadband baluns to attain excellent performance.

### Key Features

- Lo & RF: 10 to 2800 MHz
- 260°C Reflow Compatible
- High Intercept: +27 dBm (Typ.)
- Surface Mount
- Lo Drive: +17 dBm (Nominal)
- IF 10 to 2000 MHz
- Aerospace and Defense
- ISM

### Application

- Conversion Loss: 8.5 dB
- Min Frequency, RF/LO: 10 MHz
- Min Frequency, IF: 10 MHz
- Input P1dB: 14 dBm
- LO Drive: 17 dBm
- Isolation LO-RF: 28 dB
- Max Frequency, IF: 2,000 MHz
- Max Frequency, IF: 2,000 MHz
- Max Frequency, RF/LO: 2,800 MHz

### Recommended For You

**CSM4T17**

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