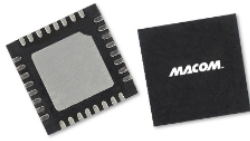


MAOC-009266



Low Phase Noise, Wide Tuning Range

The MAOC-009266 is an InGaP HBT-based voltage controlled oscillator for frequency generation. No external matching components are required. This VCO is easily integrated into a phase lock loop using the divide-by-two output. The extremely low phase noise makes this part ideal for many radio applications including high capacity digital radios. The MAOC-009266 primary applications are Point-to-Point Radio, Point-to-Multipoint Radio, Communications Systems, and Low Phase Noise applications. The 5 mm PQFN package has a lead-free finish that is RoHS compliant and compatible with a 260°C reflow temperature. The package also features low lead inductance and an excellent thermal path.

[Features](#) [Specifications](#) [Technical Resources](#) [Packages](#) [Quality](#) [Support](#) [Ordering](#)

Part Number	Package	MACOM	Richardson RFPD
MAOC-009266-PKG003 Oscillator, VC, 10.2-11.3GHz, 5mmPQFN-32LD	5MM PQFN-32LD		In Stock: 167 Buy
MAOC-009266-SMB003 Sample Board, Oscillator, 5mmPQFN-32LD	5MM PQFN-32LD	Inquire	
MAOC-009266-TR0500 Oscillator, VC, 10.2-11.3 GHz, Tape/Reel	5MM PQFN-32LD		In Stock: 1000 Buy
MAOC-009266-TR1000 Oscillator, VC, 10.2-11.3GHz, Tape/Reel	5MM PQFN-32LD	Inquire	

Technical Resources

Datasheet

[MAOC-009266.pdf](#)

Application Notes

- [AN3009 - S-Parameter S2P File Format Guide](#)
- [M513 - Tape and Reel Packaging for Surface Mount Components](#)
- [S2080 - Moisture Effects on the Soldering of Plastic Encapsulated Devices](#)
- [S2083 - Surface Mounting Instructions for PQFN Packages](#)
- [AN3003 - Integrating Synthesizer Solutions into Wireless Designs](#)
- [AN3004 - Programming Guide, Integer N PLL Synthesizer](#)

Get Support

[Customer Support](#)

[Technical Applications Support](#)

Recent Searches

[MAOC-009266-PKG](#)

[MALD-37030B-SB1](#)

[MALD-37045C-SB0](#)

[MAGB-103537](#)

[MAGB-103537-10S](#)

Favorite Parts

Log in to [MyMACOM](#) to save your favorite parts.

People Also Viewed

[MAOC-009267](#)

[MAOC-009265](#)

[MAOC-009264](#)

[MAOC-009262](#)

[MAOC-009270](#)

Recently Viewed

[MAOC-009264](#)

[MAOC-009263](#)

[MAOC-009262](#)

[MAOC-009261](#)

[MAOC-009260](#)

Products

[RF Power Amplifiers >SW](#)
[Optical Networking ICs](#)
[Optical Components](#)
[Amplifiers](#)
[Diodes](#)
[Network Connectivity Solutions](#)
[Crosspoints and Signal Conditioners](#)
[Frequency Conversion](#)
[Control Products](#)
[Passives](#)
[SDI Products](#)
[Frequency Generation](#)
[Multifunction ICs & Modules](#)
[HDCctv Devices](#)
[Communications Processors](#)

Applications

[Wireless Networking and Communication](#)
[Optical Networking](#)
[Aerospace and Defense](#)
[Industrial, Scientific and Medical](#)
[Wired Broadband](#)
[Broadcast Video](#)
[Enterprise Solutions](#)
[Surveillance](#)

About MACOM

[Investors](#)
[In the Community](#)
[News and Events](#)
[Quality & Reliability](#)
[Foundry](#)
[Protections Against Trafficking in Persons](#)

Support

[Contact Us](#)
[Cross Reference](#)
[Learning](#)
[Technical Resources Library](#)
[RF & Microwave Product Selection Guide](#)
[Optoelectronics & Photonics Portfolio](#)
[Diodes Portfolio](#)
[MMICs Portfolio](#)
[SDI Video Portfolio](#)