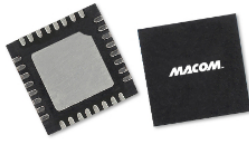






## MAOC-009267



### Low Phase Noise, Wide Tuning Range


The MAOC-009267 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-009267 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.

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Part Number	Package	MACOM	Richardson RFPD
<b>MAOC-009267-PKG003</b> Oscillator, VC, 11.2-12.6 GHz, 5mmPQFN-32LD	5MM PQFN-32LD		In Stock: 377  Buy
<b>MAOC-009267-SMB003</b> Sample Board, Oscillator, 5mmPQFN-32LD	5MM PQFN-32LD	 Inquire	
<b>MAOC-009267-TR0500</b> Oscillator, VC, 11.2-12.6 GHz, Tape/Reel	5MM PQFN-32LD	 Inquire	
<b>MAOC-009267-TR1000</b> Oscillator, VC, 11.2-12.6 GHz, Tape/Reel	5MM PQFN-32LD	 Inquire	

### Technical Resources

#### Datasheet

 [MAOC-009267.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](#)

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