

PRODUCT RELEASE

M/A-COM Technology Solutions Introduces Family of Low Phase Noise VCOs Covering 5.7 GHz to 14.2 GHz for Point-to-Point Radio Market

Low current consumption VCOs deliver greater than 10% bandwidth

Lowell, MA, April 23, 2010 – M/A-COM Technology Solutions Inc. (M/A-COM Tech) introduced today a family of voltage controlled oscillators (VCOs) with low phase noise and low DC current covering 5.7 GHz to 14.2 GHz for the point-to-point radio market. The VCOs include a divide-by-two output and are housed in 5x5mm, RoHS-compliant QFN packages. Depending on frequency, these VCOs provide exceptionally low phase noise performance as low as -117 dBc/Hz at 100 kHz offset and exhibit low performance variation over temperature. The table below outlines specific part number performance:

M/A-COM Part Number	Freq Range (GHz)	Phase Noise	Fo Output	Fo/2 Output	Current
		dBc/Hz	dBm	dBm	mA
MAOC-009259-PKG003	5.7 - 6.4	-117	14.0	7.0	200
MAOC-009260-PKG003	6.1 - 7.0	-115	8.5	4.5	220
MAOC-009261-PKG003	7.1 - 7.9	-115	10.0	1.5	190
MAOC-009262-PKG003	7.4 - 8.2	-115	11.0	2.5	190
MAOC-009263-PKG003	7.8 - 8.7	-115	10.5	4.0	190
MAOC-009264-PKG003	8.8 - 9.8	-114	8.0	4.0	205
MAOC-009265-PKG003	9.4 - 10.8	-110	6.0	5.0	190
MAOC-009266-PKG003	10.2 - 11.3	-112	6.0	8.5	200
MAOC-009267-PKG003	11.2 - 12.6	-110	3.5	6.0	180
MAOC-009268-PKG003	12.7 - 14.2	-105	7.0	4.5	190
MAOC-009269-PKG003	11.4 - 12.8	-110	3.0	5.0	180
MAOC-009270-PKG003	12.2 - 13.8	-105	6.5	5.0	170

Performance at 100 kHz offset

“M/A-COM Tech is focused on expanding our product portfolio for point-to-point radio applications, and this VCO family is a significant step toward offering a complete MMIC set for transceiver lineups,” said Jack Redus, Product Manager. “These new VCOs provide perfect solutions for all point-to-point bands, using standard transceiver designs.”

Engineering samples, sample boards and production devices are available today from stock. Technical support is also available from M/A-COM Tech’s applications engineers at 978.656.2539. Final datasheets and additional product information can be obtained from the M/A-COM Tech website at www.macomtech.com. These products will also be featured in the M/A-COM Tech Booth #2905 at IMS 2010 in Anaheim, California.

ABOUT M/A-COM TECHNOLOGY SOLUTIONS INC.

M/A-COM Technology Solutions Inc. (M/A-COM Tech) is a leading supplier of semiconductors, active and passive components, and subassemblies for use in radio frequency (RF), microwave and millimeter wave applications. The company provides innovative design solutions and products including:

- Si, GaAs, InGaAs, InP and SiGe IC products
- Unique MMIC processes: HMIC™ and GMIC™
- In-house design, fabrication, assembly and screening capabilities
- Multiple facilities for improved flexibility and local content manufacturing

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- Design expertise covering the spectrum from RF through millimeter wave frequencies
- One of the broadest selections of standard and custom products in the industry

Headquartered in Lowell, Massachusetts, M/A-COM Tech builds on some 60 years of experience to develop and manufacture active and passive products, including Si and compound semiconductors from facilities in Lowell, MA, and Torrance, CA. Infrastructure products continue to be provided by the company's facility in Cork, Ireland, and Laser Diode products in Edison, New Jersey. M/A-COM Tech is certified to ISO 9001, AS 9100 and QS-9000.

For more information visit www.macomtech.com

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