

ULTRA MINIATURE PURE SILICON™ CLOCK OSCILLATORS

ASEM1, ASDM1, ASAM1



RoHS
Compliant



Sizes Vary

FEATURES:

- Ultra Miniature Pure Silicon™ Clock Oscillator
- MEMS Technology by Discera
- Low Power Consumption <10mA
- Exceptional Stability Over Temp. at 0 - 70°C
- Extended Temperature Options Also Available
- Available in 30kG Shock Resistance Configuration
- Low Cost-Compact QFN Plastic Packaging
- Compact Package design

APPLICATIONS:

- CCD Clock for VTR Camera
- Equipment Connected to PCs
- Low Profile Equipment
- Lower Cost Crystal Oscillator Replacement
- Computers and Peripherals
- Portable Electronics (MP3 Players, Games)
- Consumer Electronics such as TV's, DVR's, etc.
- Vibrant, Shock-Prone & Humid Environments for Industrial Equipment
- Demanding Military & Automotive Electronics

MEMS
Technology!

PART SPECIFICATIONS:

PART	SIZE	PROJECTED RELEASE	PARAMETERS
ASEM1	3.2 x 2.5 x 0.8mm <i>Life Size</i> ■ ■ ■	Samples Available in Quarter 2, 2008	2.7Vdc to 3.3Vdc • Plastic QFN Package CMOS output up to 125MHz
ASDM1	2.5 x 2.0 x 0.8mm <i>Life Size</i> ■ ■ ■	Samples Available in Quarter 3, 2008	1.8Vdc to 3.3Vdc • Plastic QFN Package CMOS output up to 125MHz
ASAM1	2.0 x 1.6 x 0.7mm <i>Life Size</i> ■ ■ ■	Samples Available in Quarter 2, 2009	1.8Vdc to 3.3Vdc • Plastic QFN Package CMOS output up to 125MHz

For more information, please visit our website at www.abracon.com/mems.htm

