



# New Product Introduction

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## Low EMI OSCILLATOR

**QTM252E** (2.5mm x 2.0mm)

**QTM216E** (2.0mm x 1.6mm)

20MHz, 24MHz, 24.576MHz, 25MHz,  
27MHz, 30MHz, 33.333MHz, 37.4MHz,  
38.4MHz, 40MHz

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## Technology & Innovation

Reduces Electromagnetic Interference (EMI) from clock and data sources by using a phase controlled active EMI management technology (Non-PLL based). Eliminates the need for metal shielding or other passive components (filters, chokes, capacitors, beads, etc.), resulting in board space and cost savings.

## Performance

- Supply Voltage: 1.8V, 2.5V, 3.3V
- Frequency Stability: +/-50ppm
- Temperature Range: -40C~85C, -40C~105C, -40C~125C
- Phase Jitter: 1.0pS max (12kHz~5MHz)
- Output/Load: CMOS/15pF
- Modulated Clock Output Selectable

## Applications

- Imaging & Display Devices
  - HD Camera, DVR
  - HD Surveillance Camera
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