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# CDCM7005 QFN Package Evaluation Module

**Module** Status: ACTIVE

CDCM7005QFN-EVM

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<a href="#">What's Included</a>	<a href="#">Available Updates</a>	<a href="#">Support &amp; Community</a>	

	<b>CDCM7005QFN-EVM</b>
Name	CDCM7005 QFN Package Evaluation Mo
Status	ACTIVE
Price (US\$)	\$199.00
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## Product Information

### Description

The CDCM7005QFN-EVM is an evaluation module designed to aid in evaluating performance of the CDCM7005, which is a high performance, low phase noise and low skew clock synchronizer that synchronizes voltage controlled crystal oscillator frequency to an external reference clock; generates very low phase noise (jitter

The PLL loop bandwidth and damping factor can be adjusted to meet different requirements by selecting the external VCXO, loop filter components, frequency and charge pump current.

As the system requires external components like a loop filter and VCXO, this EVM provides an excellent way to evaluate and modify the performance and parameter clock system in conjunction with the specific customer application.

### Features

- Output frequency up to 1500 MHz
- Loop bandwidth can be selected as low as 10 Hz or less to clean the system jitter
- Can be used as a simple 1:5 LVPECL buffer with output dividing options
- Differential outputs programmable by serial peripheral interface (SPI)

### What's Included

- [SCAU015, CDCM7005 \(QFN Package\) EVM Users Guide \(Rev. A\)](#)

## Order Options

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## Related Products

Related Tools			
Name	Part#	Company	Tool Type
<a href="#">CDC7005 Evaluation Module</a>	CDC7005EVM	Texas Instruments	Development Boards/EVMs
<a href="#">CDC7005 QFN Package Evaluation Module</a>	CDC7005QFN-EVM	Texas Instruments	Development Boards/EVMs
<a href="#">CDCM7005 BGA Package Evaluation Module</a>	CDCM7005BGAEVM	Texas Instruments	Development Boards/EVMs
Related Devices			
Part#	Name	Product Family	
<a href="#">CDC7005</a>	High Performance, Low Phase Noise, Low Skew Clock Synchronizer that Synchronizes Ref Clock to VCXO	Ultra Low Jitter Synthesizer and Jitter Cleaner	
<a href="#">CDCM7005</a>	High Performance, Low Phase Noise, Low Skew Clock Synchronizer that Synchronizes Ref Clock to VCXO	Ultra Low Jitter Synthesizer and Jitter Cleaner	
<a href="#">TRF3750</a>	TRF3750: High Performance Integrated PLL Frequency Synthesizer	Clocks and Timers	

## Support and Community

Contents are provided "AS IS" by the respective TI and Community contributors and do not constitute TI specifications. [TI Specifications](#)

## Training & Events

Name	Type	Available During
<b>OMAP-L138 EVM Out-of-the-box experience</b> This session will take you through the OMAP EVM out of box experience.	Video	On Demand

[See more Training & Events](#)

### Customer Tags

No Tags are Available for this Part Number

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