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[Home](#) › [Products](#) › [Timing Solutions](#) › [Oscillators](#) › [High Performance Programmable Oscillator](#) › CY29411LXI002

## CY29411LXI002

Status: In Production

### Datasheet



English



Chinese



Japanese

File Type: PDF

Updated: Nov 26, 2018

Product Specs

Pricing & Inventory

Packaging/Ordering

Quality and RoHS

Technical Documents

### CY29411LXI002

Automotive Qualified	N
Core Voltage (V)	1.8/2.5/3.3
I/O Voltage (V)	1.8/2.5/3.3
Input Signal Type	Xtal Inside
Max. Operating Temp. (°C)	105
Max. Operating Voltage (V)	3.63
Min. Operating Temp. (°C)	-40
Min. Operating Voltage (V)	1.71
No. of Outputs	1
No. of PLL	1
Output Frequency Max. (MHz)	2100
Output Frequency Min. (MHz)	50
Output Signal Type	Differential
Spread Spectrum	N
Tape & Reel	N
Temp. Classification	Industrial

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### PRICING & INVENTORY AVAILABILITY

1-9 unit Price*	10-24 unit Price*	25-99 unit Price*	100-249 unit Price*	250-999 unit Price*	1000+ unit Price*
\$44.57	\$36.36	\$34.25	\$32.14	\$31.20	\$30.03

Availability	Quantity	Ships In	Buy from Cypress	Buy from Distributors
Out of Stock	0	Please click <a href="#">here</a> to check lead times	<a href="#">Contact Sales</a>	<a href="#">Contact Sales</a>

\* Prices are shown in United States dollars and are for budgetary use only for volume of 1ku

#### PACKAGING/ORDERING

No. of Pins	8
Package Cross Section Drawing	<a href="#">Download</a>
Package Carrier	TRAY
Package Carrier Drawing / Orientation	<a href="#">Package Orientation</a>
Standard Pack Quantity	364
Minimum Order Quantity (MOQ)	364
Order Increment	364
Estimated Lead Time (days)	126
HTS Code	8542.31.0001
ECCN	None
ECCN Suball	EAR99

#### QUALITY AND ROHS

Moisture Sensitivity Level (MSL)	1
Peak Reflow Temp. (°C)	260 ( <a href="#">Cypress Reflow Profile</a> )
RoHS Compliant	<a href="#">Y Print RoHS Certificate of Compliance</a>
PB Free	Y
Lead/Ball Finish	Ni/Au
Marking	<a href="#">Cypress Marking Format</a>

#### Device Qualification Reports

FIT/MTBF, ESD (HBM/CDM) and Latch-up data available in the Device Qualification Report.  
[QTP # 064302 : XO LN FLEXO DEVICE FAMILY \(LOW NOISE XO/VCXO/VCO CRYSTAL OSCILLATOR AND CLOCK GENERATOR\), L8C-3R TECHNOLOGY, FAB 4.pdf](#) Last Update: Sep 15, 2016

#### TECHNICAL DOCUMENTS

<b>Application Notes (1)</b> <a href="#">AN210253 - CY294xx High-Performance Clock: Getting Started and Best Design Practices</a> May 02, 2018
<b>Product Information Notice (PIN) (2)</b> <a href="#">PIN195102</a> Jan 07, 2020 <a href="#">PIN195102A</a> Dec 21, 2019

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**CORPORATE HEADQUARTERS**

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**CUSTOMER SERVICE SUPPORT**

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