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CY22801SXC-038

Status: In Production

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DESIGN SUPPORT

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TRAINING

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CY22801SXC-038	
Development Kit	CY36800 InstaClock Kit
Automotive Qualified	N
Core Voltage (V)	3.3
I/O Voltage (V)	3.3
Input Frequency Max. (MHz)	133
Input Frequency Min. (MHz)	1
Input Signal Type	Xtal/Ref-in CMOS
Max. Operating Temp. (°C)	70
Max. Operating Voltage (V)	3.47
Min. Operating Temp. (°C)	0
Min. Operating Voltage (V)	3.14
No. of Outputs	3
No. of PLL	1
Output Frequency Max. (MHz)	200
Output Frequency Min. (MHz)	1
Output Signal Type	CMOS
Spread Spectrum	N
Tape & Reel	N
Temp. Classification	Commercial

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*
Contact Sales					

Availability	Quantity	Ships In	Buy from Cypress	Buy from Distributors
Out of Stock	0	Please click here to check lead times	Contact Sales	Contact Sales

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

PACKAGING/ORDERING

Package	SOIC
No. of Pins	8
Package Dimensions	193 L x 1.5 H x 150 W (Mils)
Package Weight	76.45 (mgs)
Package Cross Section Drawing	Download
Package Carrier	TUBE
Package Carrier Drawing / Orientation	Drawing , Package Orientation
Standard Pack Quantity	485
Minimum Order Quantity (MOQ)	485
Order Increment	485
Estimated Lead Time (days)	56
HTS Code	8542.31.0001
ECCN	None
ECCN Suball	EAR99

QUALITY AND ROHS

Moisture Sensitivity Level (MSL)	3
Peak Reflow Temp. (°C)	260 (Cypress Reflow Profile)
RoHS Compliant	Y Print RoHS Certificate of Compliance
PB Free	Y
Lead/Ball Finish	Ni/Pd/Au, Pure Sn
Marking	Cypress Marking Format

IPC 1752 Material Declaration

[IPC1752 MATERIAL DECLARATION SOIC8 \(150 mil\) \(SZ08\)_OSET_Au WIRE_NiPdAu_HITACHI EN4900G_HITACHI CEL9220THF](#) *Last Update: Nov 04, 2019*

[IPC1752 MATERIAL DECLARATION SOIC8 \(150 mil\) \(SZ08\)_CML_Au WIRE_NiPdAu_HENKEL QMI 509_NITTO MP8500](#) *Last Update: Nov 04, 2019*

[IPC1752 MATERIAL DECLARATION SOIC8 \(150 mil\) \(SZ08\)_AMKOR PHIL_Au WIRE_PURE Sn_HENKEL 8290_SUMITOMO EME6600H](#) *Last Update: Oct 30, 2019*

Package Qualification Report[QTP 023407 8-16 SOIC, MSL3, 235C, 260C, NIPDAU, CML-RA.pdf](#) *Last Update: Aug 07, 2015***Device Qualification Reports**

FIT/MTBF, ESD (HBM/CDM) and Latch-up data available in the Device Qualification Report.

[QTP 071801: EPROM PROGRAMMABLE CLOCK FAMILY S4CAP TECHNOLOGY, GSMC](#) *Last Update: Sep 15, 2016***TECHNICAL DOCUMENTS****Product Information Notice (PIN) (2)**

PIN195102 Jan 07, 2020

PIN195102A Dec 21, 2019

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CORPORATE HEADQUARTERS

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**CUSTOMER SERVICE SUPPORT**

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Hours:

8:00AM - 5:00PM (local time)

Create a MyCase

Cypress Developer Community

INTERNATIONAL SUPPORT

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