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

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

PACKAGING/ORDERING

No. of Pins	48
Package Cross Section Drawing	Download
Package Carrier	TRAY
Package Carrier Drawing / Orientation	Package Orientation
Standard Pack Quantity	1
Minimum Order Quantity (MOQ)	260
Order Increment	260
Estimated Lead Time (days)	168
HTS Code	8542.31.0001
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	Pure Sn
Marking	Cypress Marking Format

Device Qualification Reports

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

Qualification Report of 90nm technology product with ASE Package (CU100F).pdf *Last Update: Sep 08, 2017*

TECHNICAL DOCUMENTS

Application Notes (24)

AN205294 - FM3, CY9AF310 Series, TouchScreen_IR Solution Principle Jul 31, 2018

AN205409 - FM3 Family CY9AF310 Series Thermal Printer Development Kit Migration Jul 06, 2018

32bit-Microcontroller FM3 Family CY9A100/B100/B300/B400/B500 Series Hardware Watchdog Timer Setting/Usage Jul 06, 2018

AN205292 - FM3 CY9A310K/110K Microcontroller with EEPROM Type A Jul 05, 2018

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Software and Drivers (1)

Project template for mb9af31xk Jun 17, 2016

Product Change Notice (PCN) (1)

PCN181301 Apr 03, 2018

Advanced Product Change Notice (APCN) (2)

APCN173705A Jun 27, 2018

APCN173705C Jun 05, 2018

SOLUTIONS

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CORPORATE HEADQUARTERS

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CUSTOMER SERVICE SUPPORT

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Hours:
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Create a MyCase
Cypress Developer Community

INTERNATIONAL SUPPORT

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7:30PM - 4:30AM (standard time)

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