



## CY7C64316-WAFC Status: In Production



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### CY7C64316-WAFC

|                            |                                           |
|----------------------------|-------------------------------------------|
| Development Kit            | <a href="#">CY3660</a>                    |
| CPU Core                   | M8C                                       |
| Automotive Qualified       | N                                         |
| Application                | Gaming Mice, Keyboard, Joystick           |
| I/O Options                | USB, GPIO, SPI, CLKIN/OUT, Vreg, ADC, I2C |
| Data Transfers             | Bulk, Interrupt, Isochronous              |
| Memory Architecture        | Flash                                     |
| Memory Size (KB)           | 32                                        |
| Min. Operating Voltage (V) | 3.00                                      |
| Max. Operating Voltage (V) | 5.50                                      |
| Min. Operating Temp. (°C)  | 0                                         |
| Max. Operating Temp. (°C)  | 70                                        |
| No. of I/Os                | 11                                        |

### Pricing & Inventory Availability

| 1-10 unit Price* | 11-100 unit Price* | 101-1000 unit Price* | 1001 + unit Price* |
|------------------|--------------------|----------------------|--------------------|
|                  |                    |                      |                    |

| Availability | Quantity | Ships In | Order Now |
|--------------|----------|----------|-----------|
|              |          |          |           |

\* Prices are shown in United States dollars and are for budgetary use only.

### Packaging / Ordering

|                                       |                                     |
|---------------------------------------|-------------------------------------|
| No. of Pins                           | 0                                   |
| Package Cross Section Drawing         | <a href="#">Download</a>            |
| Package Carrier Drawing / Orientation | <a href="#">Package Orientation</a> |
| Standard Pack Quantity                | <a href="#">Contact Sales</a>       |
| Minimum Order Quantity (MOQ)          | 4642                                |
| Order Increment                       | 4642                                |
| Estimated Lead Time (days)            | 91                                  |
| HTS Code                              | 8542.31.0000                        |
| ECCN                                  | 3A991                               |
| ECCN Suball                           | (A.3)                               |

### Quality and RoHS

|                                  |   |
|----------------------------------|---|
| Moisture Sensitivity Level (MSL) | 3 |
|----------------------------------|---|

|                                                                                                                                                                                                                                                      |                                                        |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|
| Peak Reflow Temp. (°C)                                                                                                                                                                                                                               | 260 ( <a href="#">Cypress Reflow Profile</a> )         |
| RoHS Compliant                                                                                                                                                                                                                                       | N <a href="#">Print RoHS Certificate of Compliance</a> |
| PB Free                                                                                                                                                                                                                                              | N                                                      |
| Lead/Ball Finish                                                                                                                                                                                                                                     | Ni/Pd/Au                                               |
| Marking                                                                                                                                                                                                                                              | <a href="#">Cypress Marking Format</a>                 |
| <b>Device Qualification Reports</b><br> FIT/MTBF, ESD (HBM/CDM) and Latch-up data available in the Device Qualification Report. Please click <a href="#">here</a> . |                                                        |

## Technical Documents

**Application Notes (1)**  
[AN43353 - Using enCoRe™ V 16-Bit Timer Modules as PWMs](#) *Last Update: 16/02/2012*

**Product Change Notice (PCN) (1)**  
[PCN125176](#) *Last Update: 03/12/2012*

**Product Information Notice (PIN) (1)**  
[PIN135200](#) *Last Update: 21/03/2013*

## Support and Community

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