



CY7C69356-48LTXC

| CY7C69356-48LTXC | |
|----------------------------|---|
| Application | USB Full-Speed Peripherals |
| Automotive Qualified | N |
| CPU Core | M8C |
| Data Transfers | Bulk, Interrupt, Isochronous |
| I/O Options | USB, GPIO, SPI, CLKIN/OUT, Vreg, ADC, I2C |
| Max. Operating Temp. (°C) | 70 |
| Max. Operating Voltage (V) | 5.50 |
| Memory Architecture | Flash |
| Memory Size (KB) | 32 |
| Min. Operating Temp. (°C) | 0 |
| Min. Operating Voltage (V) | 3.00 |
| No. of Endpoints | 8 |
| No. of I/Os | 36 |
| Software Tools | PSoC Designer |
| Tape & Reel | N |

QUALITY AND ROHS

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|--|--|
| 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 |
| Marking | Cypress Marking Format |
| IPC 1752 Material Declaration IPC1752 MATERIAL DECLARATION QFN 48 (7 X 7 X 1.0 MM) (LT48) - AMKOR-PHIL - AU WIRE <i>Last Update: Nov 10, 2016</i> IPC1752 MATERIAL DECLARATION QFN 48 (7 X 7 X 1.0 MM) (LT48) - CA - AU WIRE <i>Last Update: Oct 14, 2016</i> IPC1752 MATERIAL DECLARATION QFN 48 (LT48) - ASE TAIWAN - AU WIRE <i>Last Update: Oct 12, 2016</i> | |
| RoHS Analysis Certificates (CoA) for Direct Materials Please click here | |
| Package Qualification Report QTP 112107: 48QFN 7X7X1MM (LT48A, LT48C AND LT48D), NIPDAU, MSL3 260C REFLOW ASEK- TAIWAN <i>Last Update: Sep 19, 2016</i> | |
| Device Qualification Reports FIT/MTBF, ESD (HBM/CDM) and Latch-up data available in the Device Qualification Report. QTP#090809: ENCORE DEVICE FAMILY "CY7C604XX" S8DI-5R TECHNOLOGY, FAB 4 <i>Last Update: Sep 19, 2016</i> | |