



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

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>	