

Low Speed/Full Speed Host Controller USB 1.1 3.3V Tray 48-Pin TQFP

Manufacturer: [Infineon Technologies Corporation](#)

Package/Case: QFP48

Product Type: Interface ICs

RoHS: RoHS Compliant/Lead free 

Lifecycle: Obsolete



Images are for reference only

[Inquiry](#)

General Description

Key Features

USB host/slave controller for embedded systems

Supports both full speed (12Mbps) and low speed (1.5Mbps) USB transfer in both master & slave mode

Conforms to USB specification 1.1 for full- and low speed

Operates as a single USB host or slave under software control

Automatic detection of either low- or full speed devices

8-bit Bidirectional data, port I/O (DMA supported in slave mode)

On-chip SIE and USB transceivers

On-chip single root HUB support

256byte Internal SRAM buffer

Ping-pong buffers for improved performance

5V Tolerant interface

Suspend/resume, wake up and low-power modes are supported

Auto-generation of SOF and CRC5/16

Auto-address increment mode, saves memory READ/WRITE cycles

3.3V Power source, 0.35 micron CMOS technology

Development kit including source code drivers is available



Recommended For You

SL811HS-JCT

Infineon Technologies Corporation

BGA

CY7C63723C-SXC

Infineon Technologies Corporation

SOP18

CY7C9689A-AXC

Infineon Technologies Corporation

QFP100

CY7C68300C-56PVXC

Infineon Technologies Corporation

SSOP56

CY7C67200-48BAXI

Infineon Technologies Corporation

BGA

CY7C68013A-100AXC

Infineon Technologies Corporation

QFP100

CY7C68013A-56PVXC

Infineon Technologies Corporation

SSOP56

CY7C68001-56LTXC

Infineon Technologies Corporation

QFN

TLE8458G

Infineon Technologies Corporation

SOP8

TLE7259-2GU

Infineon Technologies Corporation

SOP8

CY7C68013A-56PVXI

Infineon Technologies Corporation

SSOP56

CY7C68013A-100AXI

Infineon Technologies Corporation

TQFP100

CY7C68013A-56BAXC

Infineon Technologies Corporation

BGA-56

CY7C68013A-128AXC

Infineon Technologies Corporation

TQFP-128

CY7C68013A-128AXI

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QFP