

REV-Q703

QSeven Module Carrier Board

Qseven 2.0 Evaluation Baseboard
(Mini ITX Form Factor)

Features

- Qseven 2.0 Evaluation Baseboard (Mini ITX)
- 1x DP/ HDMI/ LVDS
- 1x COM
- 7x USB
- 1x Ethernet
- 1x mPCIe x1 (with SIM Socket)
- 1x PCIe x1
- 2x SATA
- 1x SD card slot
- Audio Phone Jack(Line In, Line out, Mic-in)
- 1x Onboard Accelerometer (Freescale MMA8451Q)
- 16Bit GPIO by TCA9555



Specifications

External I/O Connector

USB	1 x USB 2.0 1 x USB 3.0
Audio Codec	X86 platform => ALC892 ARM platform => WM8962
Audio Interface	3 x Audio phone jack
Ethernet	1 x Ethernet
HDMI	1 x HDMI
DP	1 x DP
COM	1 x COM
OTG	1 x OTG
Storage	1 x SD socket

Internal I/O Connector

USB	2 x USB2.0 (5x2) Header 1 x USB 2.0 (5x1) wafer box
LVDS	1 x LVDS connector 1 x Back light connector
GPIO	1 x GPIO (10x2) Header
Expansion	1 x PCIe x1 1 x mPCIe x1 (with SIM Socket)
SATA	2 x SATA w/ PWR
Others	1 x SPI, 1 x CAN, 1 x LPC, 1 x JFP (Miscellaneous Setting Connector), 1 x PWM CPU Fan (4x1) Header, 1 x 4P PWR Header

Mechanical & Environment

Power Requirement	12V DC
Operating Temp	-40°C ~ 85°C
Storage Temp	-40°C ~ 85°C
Operating Humidity	0% ~ 90% Relative Humidity, Non-condensing
Form Factor	QSeven Module
Dimensions (L) x (W)	6.7" x 6.7" (170 x 170mm)
Weight	TBA

* All product specifications and images are subject to change without notice.
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