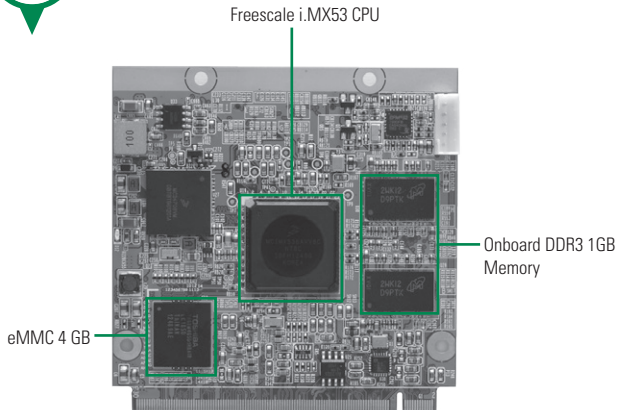


Q7M110

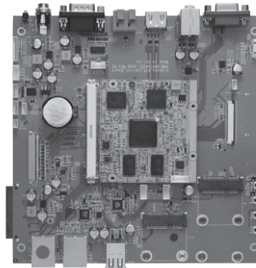
Freescale i.MX53 Qseven SoM

NEW



Features

- Ultra Low power consumption Cortex™-A8 (0°C ~ 60°C)
- High flexibility Qseven v1.2 compliant design
- 1 CAN
- 24-bit TTL LCD
- LVDS/HDMI 1080p
- Linux2.6.35/Android2.3.3
- 10/100 Mbps Ethernet
- Audio



▲ Q7M110-110-EVK

System

Processor	Freescale i.MX53 Series SoC with ARM Cortex™-A8 CPU 1GHz
System Memory	On-board DDR3 1GB
OS	Linux kernel 2.6.35, Android 2.3.3
Storage	eMMC flash 4 GB SDIO interface SATA interface
RTC	Battery on the Baseboard is required
Power Requirement	+5V, 1A
Size	70 x 70 mm
Board Thickness	1.2 mm ± 0.1mm
Operating Temperature	0°C ~ 60°C
Operation Humidity	10% ~ 95%, non-condensing

I/O

Graphics	1 VGA, 1 Dual channel 24-bit LVDS 1 HDMI 1080p, 1 24-bit TTL Signal
Ethernet	1 10/100 Mbps
Audio	MIC-in/headphone
USB	1 OTG client and 1 USB 2.0 port
I2C	2
SPI	Yes
CAN	1 2.0B protocol-compatible Controller Area Network (CAN) via Qseven MXM interface
GPIO	8
UART	1 (TX/RX/RTS/CTS), 1 (TX/RX), 1 Full function (9 PIN)

Ordering Information

Standard	
Q7M110-535-C (P/N:S38Q11020E)	Q7M110 with Freescale iMX535 1GHz (Consumer) SoC, 1GB Memory, 4 GB eMMC, 10/100 Mbps Ethernet, audio, CAN
Optional	
Q7B110-110-EVK	Evaluation Kit Board
Q7M110-536-A	Q7M110 with Freescale iMX536 800MHz (Automotive) SoC, 1GB Memory, 4 GB eMMC, 10/100 Mbps Ethernet, audio, CAN