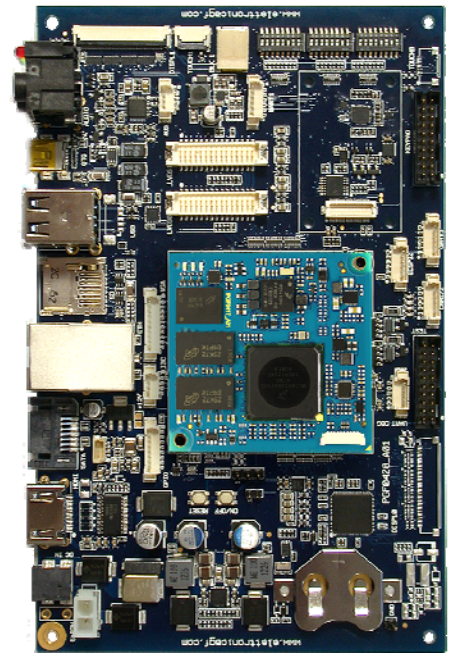


3AT1017 series

Evaluation board for Q5 SOM (i.MX53)

FEATURES

- Support all Q5 SOM
- Complete and flexible board
- Linux compatible



USB

- 2 x USB 2.0 HS/FS/LS Host type A connectors
- Mini AB USB 2.0 OTG connector with Dual Role functionality (Host / Device) depending on the inserted cable type

ETHERNET

- 10 / 100 Base T RJ45 Connector

STORAGE

- Additional micro SD card slot on EVB
- SATA 2 Connector (Up to 1.5Gbps) with additional SATA power connector

DISPLAY INTERFACES

- HDMI output on imx53 DI0 thanks to integrated HDMI transceiver
- Parallel LCD connector (x24) on imx53 DI1 with support for resistive touch screen panels
- VGA video output on imx53 DI1
- 2x LVDS connectors on both imx53 DI0 and DI1

AUDIO

- 1x Microphone input
- 1x Line-In input
- 1x Line-Out
- 1x HP output
- SPDIF audio over HDMI

OTHER INTERFACES

- Fully configurable i.MX53 boot sequence using dip-switch
- 2x CAN Bus ports (with onboard integrated transceivers)
- 8x8 Keypad Driver or 16-bit GPIO Expander
- RS-232 Debug UART
- 2x UART ports
- 1x SPI connector
- 1x I2C connector
- 128Kbit configuration EEPROM
- RTC
- 3 LEDs, 1 for power supply status, 2 user definable
- Power ON/OFF and RESET buttons
- Optional eGF WiFi-BT module connector

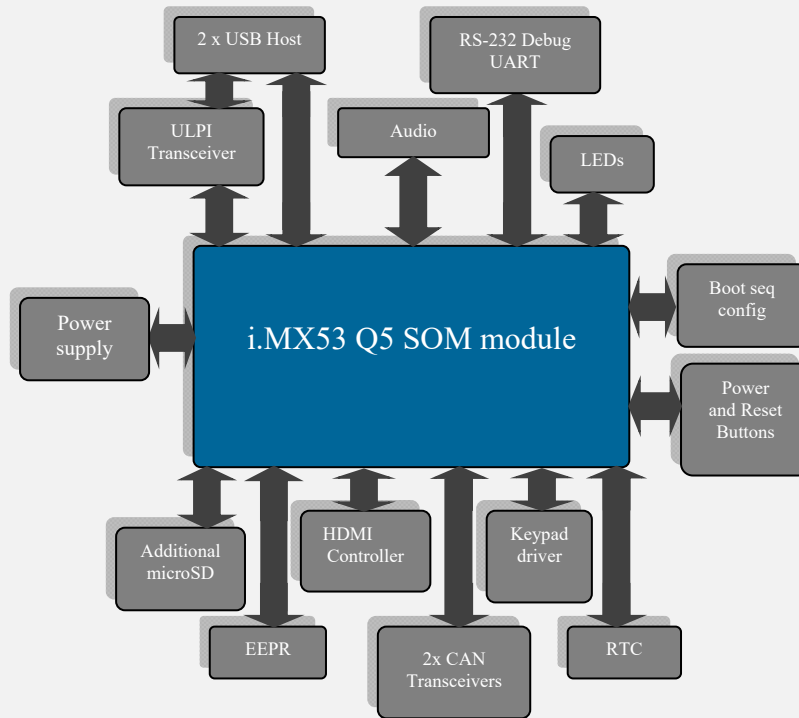
PACKAGE CONTENTS

- Mother Board for i.MX53 Q5 SOM
- i.MX53 Q5 SOM (3SM2000_C3C1.1.2.3.4)
- 2GB MicroSD
- 12Vdc Adapter
- DVD-ROM with Virtual Machine, SDK and User Manual

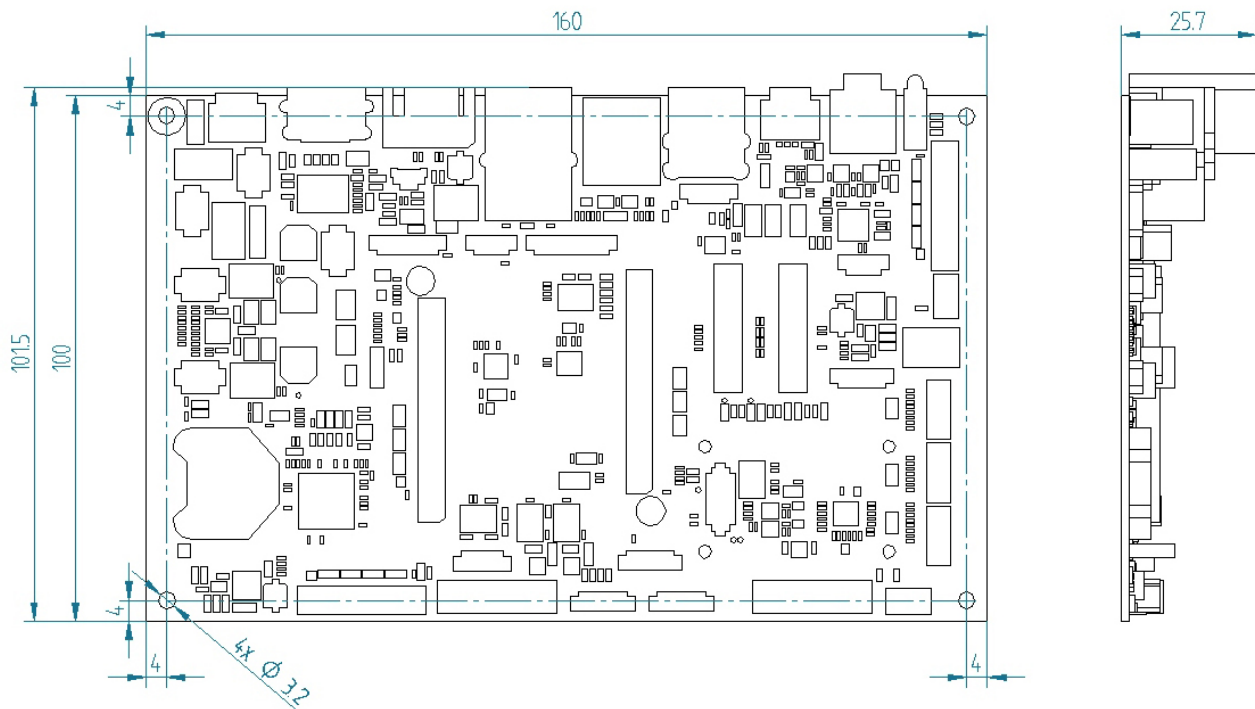


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BOARD DIAGRAM



DIMENSIONS



ORDERING INFORMATION

Part Number	Description
3AT1017_A01	Evaluation Board for i.MX53 Q5 SOM

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