AM335x Evaluation Module

Order Number: TMDXEVM3358

TEXAS INSTRUMENTS

Description

The AM3358 general purpose EVM is a standalone test, development, and evaluation module system that enables developers to write software and develop hardware around an AM3358 processor subsystem. The main elements of the AM3358 subsystem are already available on the base board of the EVM, which gives developers the basic resources needed for most general purpose type projects that encompass the AM3358 as the main processor. Additional typical type peripherals are built into the EVM such as memory, sensors, LCD, Ethernet PHY, etc. so that prospective systems can be modeled quickly without significant additional hardware resources.

The System View of the AM3358 General Purpose EVM consists the baseboard (processor and main power supply), daughterboard (external peripherals), and the LCD display board (LCD and touch screen) stacked together and connected through standard through hole connectors.

Features

Hardware

- AM3358 ARM Microprocessor
- 512MB DDR2
- TPS65910 Power management IC
- 7" touch screen LCD
- Wireless (WiFi/BT) connectivity via WL1271

Software

- ANDROIDSDK-SITARA
- LINUXEZSDK-SITARA

Connectivity

- 10/100 Ethernet (1)
- UART (4)
- WiFi/BT (1)
- SD/MMC (2)
- USB2.0 OTG/HOST (1/1)
- Audio in/out
- JTAG
- CAN (2)

Kit Contents

- One AM3358 EVM baseboard
- One daughterboard
- 7" LCD display board
- AC to +5VDC power adapter
- RS232 cable
- USB cable
- Ethernet cable
- Qiuck start guide
- CD
    - ANDROIDSDK-SITARA, Android Development Kit for Sitara Microprocessors
    - LINUXEZSDK-SITARA, Linux EZ Software Development Kit (EZSDK) for Sitara™ ARM® Microprocessors

element14