



Audio Codec
Realtek ALC5631

USB OTG

Headphone

Microphone

USB A

LCD Power Supply

DC Input

Battery Charger
ISL9519

+3.3VSUS Power Supply

+1.8V Pwr Sup.

VCORE Power Supply

System on Chip
Marvell Armada 610
400 - 800 MHz

+1.5V Pwr Supply

RAM
DDR3 SDRAM
256 Mbytes each

WLAN
Marvell 8686
SDIO connect

Backlight Power Supply

Accelerometer
ST LIS3DH

Open Firmware Flash ROM

eMMC
4 to 32 GB

RTC
IDT1338

+5V Pwr Sup.

USB OTG Charger

+3.3V Pwr Sup.

Speakers

Camera

OLPC XO-3
A1 Prototype
bottom side