



**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**

**USB ULPI I/F**

**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

**+1.2V Pwr Sup.**

**eMMC**  
4 to 32 GB

**RTC**  
IDT1338

**Speakers**

**Camera**

**+5V Pwr Sup.**

**USB OTG Charger**

**+3.3V Pwr Sup.**

**OLPC XO-3**  
A1 Prototype  
*bottom side*