SDRAM (8MB TO 32MB)

NOR FLASH (8MB TO 16MB)

16MB ALTERNATE: S29GL128P10TFI010
16MB ALTERNATE: S29GL128S10TFI020 - DO NOT LOAD R86
TEMP SENSOR

I2C ADDRESS = 0x92
Range & Accuracy: ±2°C from -25°C to 100°C
±3°C from -55°C to 125°C

3D ACCELEROMETER

I2C ADDRESS = 0x6A

EEPROM (64Kb)

USB PORT

SOFTCONNECT
FOR REENUMERATION

-realtime clock

I2C ADDRESS = 0xA2

OFF-BOARD
BATTERY BACKUP

SUPERCAP

USB HOST CAPABILITY

USB DEVICE CAPABILITY

USB ID IS HIGH FOR DEVICE, LOW FOR HOST

USB DEVICE I2C PERIPHERALS

REV 4
**BACKLIGHT GENERATOR**

**CURRENT SET TO 160mA**

**7.0" LCD**

**TOUCH PANEL**

**SERIAL FLASH**

**WiFi SERIAL FLASH**

**Optional GainSpan WiFi Module (2.4GHz)**

**REV 4**

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**Title**

**Size**

**Document Number**

**Rev**

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**Backlight Generator**

**7.0" LCD**

**Touch Panel**

**Serial Flash**

**WiFi Serial Flash**

**Optional GainSpan WiFi Module (2.4GHz)**

**Rev 4**

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**Notes:**

- **LCD Connector Pinout is Mirrored Due to the Connector Placement**
- **LDO Tolerances**

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