**TS200-B**

**Ti® AM3517 Sitara ARM Cortex-A8**

**PROCESSOR**
- AM3517 ARM Cortex-A8
- 600MHz RISC frequency

**SYSTEM MEMORY**
- 512MB onboard
- 4 DDR2 64Mx16 RAM

**STORAGE**
- 512MB NAND Flash
  - Samsung K9F4G08U0D flash memory 512Mx8bit (512MB)

**TOUCH SCREEN**
- Ti TSC2004 touch screen controller
- 1 touch screen port

**USB 2.0**
- 1 TUSB1210 USB transceiver
- 2 Type A USB 2.0/1.1 ports

**AUDIO**
- Ti TLV320AIC23BPW audio codec
- 1 Line-out port
- 1 amplifier supports 2W output

**COM**
- 1 DB-9 for external RS232/422/485 port
- 1 DB-9 for external RS232 port

**ETHERNET**
- LAN8710 LAN chip
- 1 LAN port
- Supports 10BASE-T and 100BASE-T

**DIGITAL I/O**
- 8-bit DIO (4-in and 4-out)

**REAR PANEL I/O PORTS**
- 1 touch screen port
- 1 SD/MMC card socket

**FRONT PANEL I/O PORTS**
- 1 DC-in jack
- 2 DB-9 COM ports
- 2 Type A USB 2.0/1.1 ports
- 1 LAN port
- 1 line-out jack

**I/O CONNECTORS**
- 1 18-bit LVDS connector
- 1 8-bit DIO connector
- 1 2W amplifier line-out connector
- 1 external switch connector
- 1 external LED connector

**POWER SUPPLY**
- DC-in, DC 14-30V

**TEMPERATURE**
- 0°C to 60°C

**HUMIDITY**
- 10% to 90%

**PCB**
- 145mm (5.7”) x 102mm (4”)

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