**CAN PORT**

TERMINATION RESISTOR

**RS485 PORT**

JUMPER JP4 - JP7 1-2 FOR CAN MODE

JUMPER JP4 - JP7 2-3 FOR RS485 MODE

**RS232 PORT**

**WI-FI MODULE**

JUMPERS ARE SHORTED IN ARTWORK TO DISABLE, CUT THE TRACE INSTALL JUMPER TO RE-ENABLE

**REV 2.3**

*Future Designs, Inc.*

Huntsville, AL

Custom 59

Wednesday, November 11, 2009
TO LCD INTERFACE BOARD

NOTE: CUT PIN 40 FOR KEYING

WHEN USING TI TOUCH IC:

P0.15 = SCK
P0.16 = CS TO TI IC
P0.17 = MISO
P0.18 = MOSI
P0.22 = TP IRQ
P0.23 = UNUSED
P0.24 = UNUSED
P0.25 = UNUSED
P0.26 = UNUSED

WHEN USING DISCRETE TOUCH INTERFACE:

P0.15 = UNUSED
P0.16 = UNUSED
P0.17 = TP GPIO OUTPUT
P0.18 = TP GPIO OUTPUT
P0.22 = UNUSED
P0.23 = TP AD0.0 INPUT/GPIO (X-RIGHT)
P0.24 = TP AD0.1 INPUT/GPIO (Y-UP)
P0.25 = TP GPIO (X-LEFT)
P0.26 = TP GPIO (Y-DOWN)
Range & Accuracy: +/- 2°C from -25°C to 100°C
+/- 3°C from 55°C to 125°C

I2C ADDRESS = 0x92

3-AXIS ACCELEROMETER

Place by Pin 2  Place by Pin 9

SUPERCAP BACKUP FOR RTC

I2C ADDRESS = 0x70

REALTIME CLOCK

I2C ADDRESS = 0xA2

JP1 SHORTED IN ARTWORK TO DISABLE, CUT THE TRACE INSTALL JUMPER TO RE-ENABLE

JP2 SHORTED IN ARTWORK TO DISABLE, CUT THE TRACE INSTALL JUMPER TO RE-ENABLE

TEMP SENSOR

I2C ADDRESS = 0x80

Range & Accuracy: +/- 2°C from -25°C to 100°C
+/- 3°C from 55°C to 125°C

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