TwinTab Peripheral Board Specification and Datasheet

B

A=60mm
B=41mm
C=9.75mm
D=4.2mm
E=10.175mm
F=50mm
G=12.7mm

A

F

G

1 2 3 4 5

D

E

| C | | C |
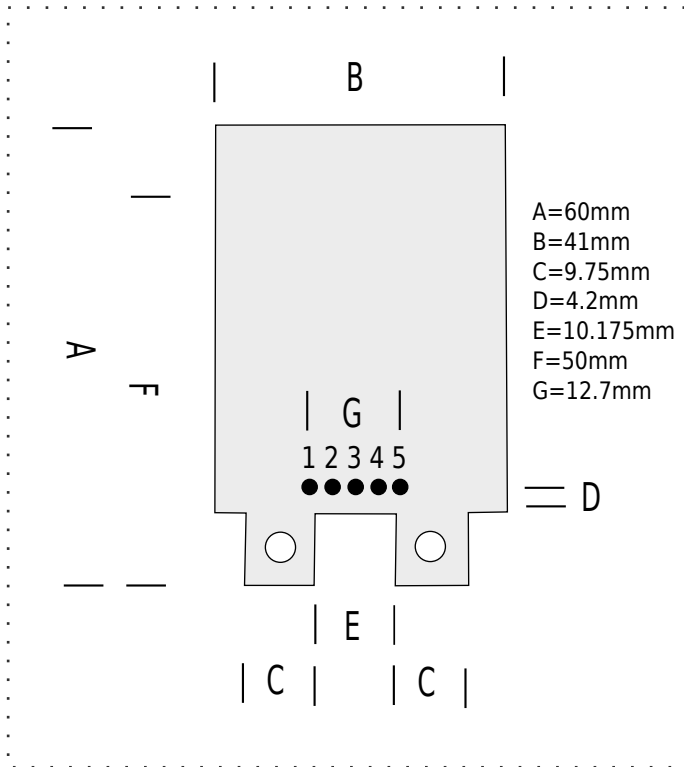
Wiring Guide

Interface	Pin1	Pin2	Pin3	Pin4	Pin5
Analog	GND	VCC	Spare	In	Out
Logic	GND	VCC	Spare	In	Out
Digital	GND	VCC	Spare	RX	TX
I2C	GND	VCC	Spare	SDA	SCL
SPI	GND	VCC	CLK	DI	DO

Electrical

Minimum Voltage	3.3v
Maximum Voltage	12.v
Typical Voltages	3.3v, 5v

The TwinTab peripheral board is a general purpose I/O board for Analog and Digital circuits. It has the following features:

- Supports a range of common microprocessors including Arduino, RaspberryPI, PIC and MSP430.

- Electric connection via standard 5 x 2.54mm pin headers.

- Secure fastening via two Large screwholes makes these boards useable in industrial applications.

- Fits the Hackerpads.com Docking stations and board holders for rapid deployment.

- Consistent wiring topology supports both Analog and Digital Boards running at 3.3v, 5v or 12v..

Applications:

- Digital Circuits ie Logic, Data-transmission, Data Aquisition and breadboarding.

- Analog Circuits ie Audio Amplifiers.

- Various Sensors ie GPS, Temperature, PIR, RFID