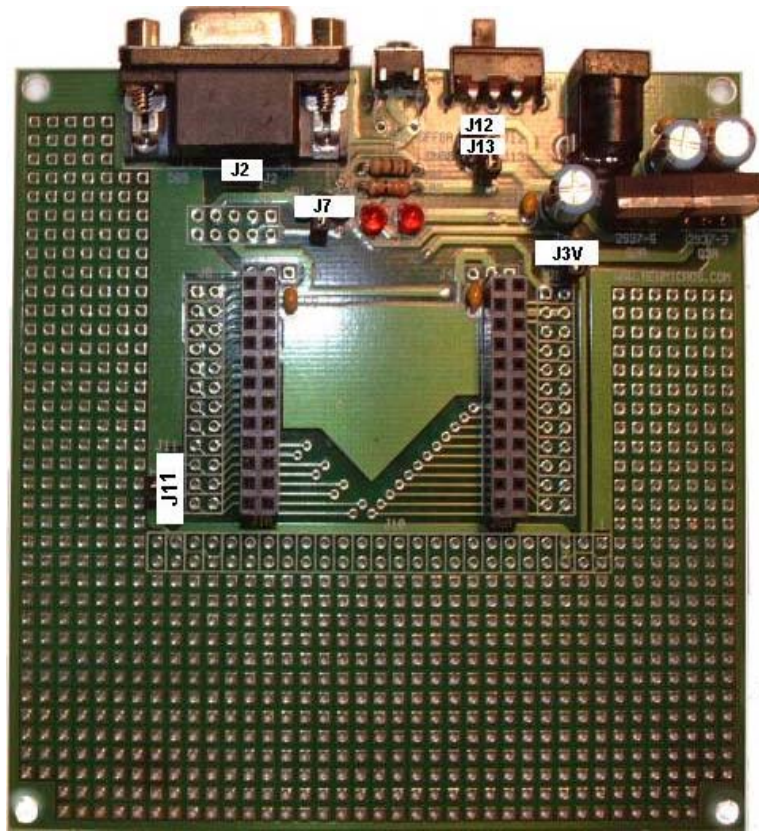


Controller Interface Board

The Controller Interface Board, BDR03 is the current production for the Tini's or Pluga's controller base carrier board.



Jumper descriptions:

J2: Serial RS-232 DTR Enable/Disable jumper. To provide an alternative way to reset the controller module by toggle the DTR signal.

J3V: +3.3V jumper option for future expansion.

J7: +5.0V or +3.3V jumper option for future expansion.

J11: Controller Serial Boot jumper,

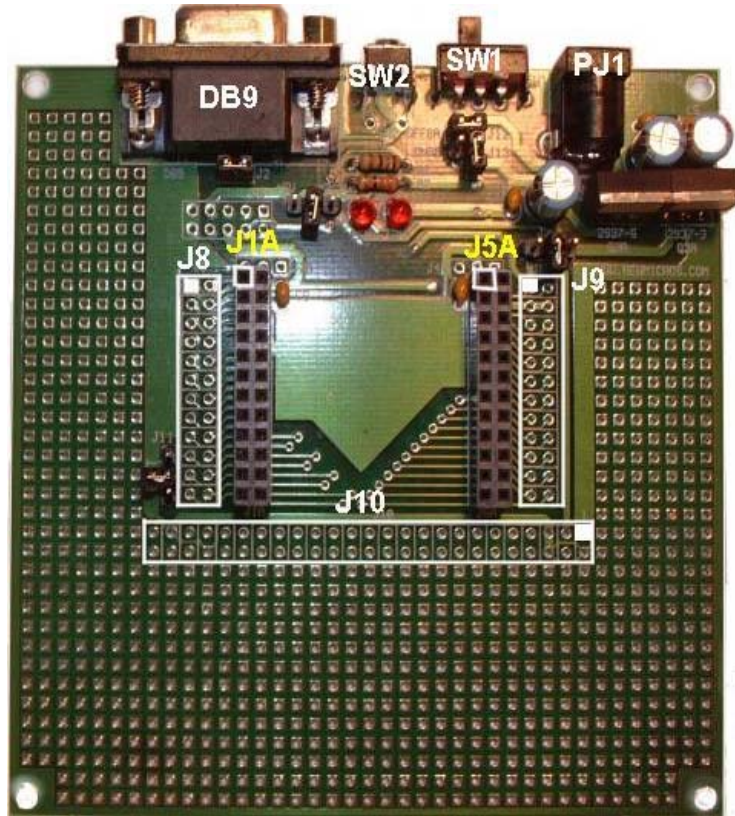
- ARM: pin 1 & 2 connect for Philips flash utility serial loader option
- Pod: pin 2 & 3 connect for IsoMax autostart bypass option
- Remove jumper for normal operations

J12: Power input jumper, VIN for Tini's or pluga's regulators

J13: Optional power input jumper for the onboard 5.0V & 3.3V regulators. It can be used to power your peripherals or add-on components. The 3.3V output regulator alone can handle up to 500mA, where the 5.0V output regulator can also handle up to 500mA in combine with the 3.3V output power.

I/O Connections

The I/O's & power pins of the controller are brought out to J8, J9, and J10. Where J1A & J5A are the mating connections of J3 & J4 respectively on the Tini's & Pluga's controller modules.



J8: I/O pins brought out from Tini's or Pluga's J1 connector.

J9: I/O pins brought out from Pluga's J5 connector.

J10: I/O pins brought out from Tini's or Pluga's J1 & J5 connectors.

Miscellaneous

PJ1: VIN, Power Jack

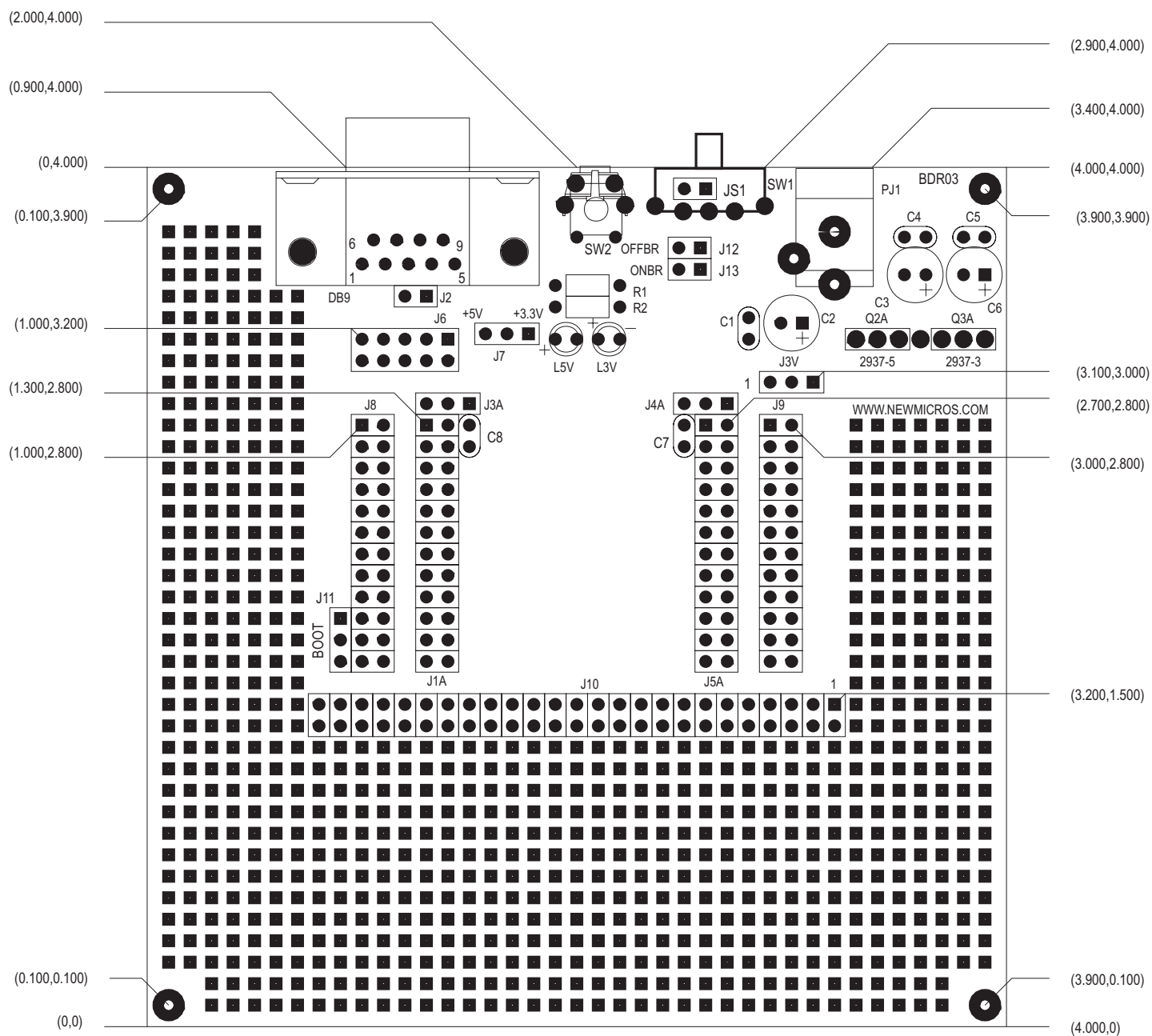
SW1: Power On/Off switch

SW2: Reset switch. Manually reset to the controller modules

DB9: Serial RS-232 DB9F connector

LEDs: Onboard regulator output indicators

Controller Interface Board



Units measure in Inches

