



Spec Sheet Base Board BB-2A

The two slot base board provides most of the functionality of the four slot base board but has many of the components not fitted, to reduce the entry costs to the RS-EDP platform. The base board provides a way of connecting all the modules with each other via the backplane that runs through it. The basic capability of the 2 slot unit is as follows:

Key Features

- 2 slots for CPU Modules or Application Modules
- Power Input Terminal block for 12V/GND power input from bench power supply
- Input power jack for use with a wall cube
- Fuse holder (not populated and replaced by a shorting link)
- Linear 5V and linear 3.3V voltage regulator
- Reset switch
- 8 way DIP switch input (Not populated)
- Serial I2C EEPROM (Not populated – user can fit 24LC32 for example)
- Pull Up resistors for I2C_CNTRL lines
- Pull Up Resistor for GEN0_I2C and GEN1_I2C (not populated)
- Ethernet socket with built in magnetics
- miniUSB debug connector for debugging only.
- Screw holes for PCB mounting (no rubber feet fitted)

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