

BDM INTERFACE CABLE

MCU PROJECT BOARD 2 to CML12C32 BDM Cable

The MCU Project Board 2 BDM was not designed to interface directly to the CML12C32 board. Although compatible, the user must construct an interface cable to allow use of the MCU Project Board 2 BDM. This application note will illustrate one method of constructing such a cable.

As shown below, the MCU Project Board 2 connector should be a 2x3 pin header spaced at 0.1" center. The CML12C32 connector should be a 2x3 socket header spaced at 0.1" center. Refer to the MCU Project Board 2 and CML12C32 schematics for further details on connections necessary to complete the BDM circuit.

An alternative method – though not recommended – is to solder jumper wires directly to the BDM PORT on the CML12C32 then connect to the J5 socket header on the MCU Project Board 2. **CAUTION:** Beware that VCC and GND are present at the BDM_PORT header. Damage to the board may result if these wires cross while the board is powered.

