

PICSTART® Plus PIC16C55A and PIC16C57C Programming

Symptom: PIC16C55A and PIC16C57C devices do not verify correctly using the PICSTART Plus. When a blank device is read, program memory values of 0xBFF are reported.

Problem: The OSC2 pin on the PIC16C55A and PIC16C57C tries to overdrive RB6. This causes invalid voltage levels for verification.

Solution: To program the PIC16C55A and PIC16C57C DIP packages on a PICSTART Plus, a modified adapter must be used. The adapter can be created using a 28- or 40-pin ZIF, LIF or standard socket by cutting the connector pin that corresponds to pin 26 of the PIC16C55A and PIC16C57C.

After creating this modified adapter, secure the device in the adapter, then place the modified adapter in the PICSTART Plus. This adapter should be used only when programming these two devices.

