Tung Ngo December 10, 2002

DsPhyter II Mau Demo
Setup Instruction

Power requirements:
Both the oscillator and the device require 3.3V to operate. The on board regulator converts 5V input into 3.3V for the device. Voltage for the device can either be applied through an MII connection or an external power supply.

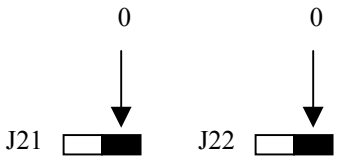
1. *MII connection:* Connect directly to SmartBits or through an MII cable.
   A voltage regulator, U3, will convert 5V generates through the MII connection to 3.3V for the device.

2. *External 3.3V power supply:* Remove jumper on J38. Use header of J38 close to C2 for positive connection, and use J28 for ground.

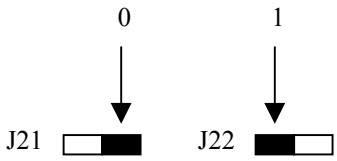
Address settings:
Setting jumpers to High = 1

Setting jumpers to Low = 0

The default of PHYAD0 = 1, result for Phy Address per jumper settings are:



PHY Address 01



PHY Address 03

PHY Address 05

PHY Address 07

Configuration to use with different clocks:
There are three options to choose: Oscillator, Crystal, and Clock Generator.

1. On this board, oscillator is used as clock input for the device.
2. To use with a crystal, remove the zero ohm resistor at R21and place it at R22.
3. To use with a clock generator, remove the zero ohm resistor at R21and place it at R23.