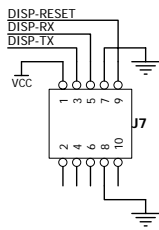
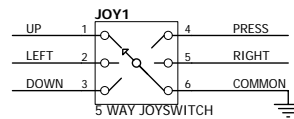


**uOLED-160 Display Module**

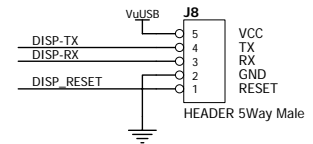


**Joystick - 5 Way Switch**



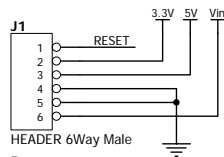
JOYSTICK POSITION:	ARDUINO SIGNAL:
LEFT	D3
RIGHT	D4
UP	D6
DOWN	D2
PRESS	D5
COMMON	GND

**micro-USB INTERFACE**



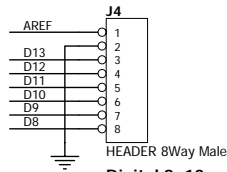
**NOTE4: Use uUSB-MB5 or uUSB-CF5 to:**  
 - program the GOLDELOX with PmmC files  
 - download 4DGL code to GOLDELOX

**Arduino Interface Headers**



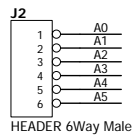
HEADER 6Way Male

**Power**



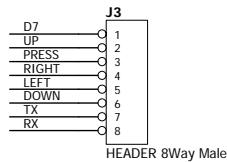
HEADER 8Way Male

**Digital 8..13**



HEADER 6Way Male

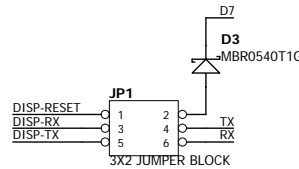
**Analog**



HEADER 8Way Male

**Digital 0..7**

**Jumper Selection**



**NOTE1: Remove all 3 Jumpers when:**

- programming the Arduino
- programming the GOLDELOX with PmmC file
- downloading 4DGL code

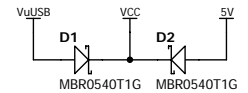
**NOTE2:**

- Insert TX and RX jumpers when communicating with the Arduino.

**NOTE3:**

- Arduino D7 controls the Shield RESET. Insert the jumper to enable it.

**Power**



Title			<b>4Display-Shield-160 for Arduino</b>		
Size	Number	20/07/2010		Revision	Rev1
A4					
Date:	6-Aug-2010	Sheet of			
File:	Y:\Projects\4Duino\Hardware\4Duino.DDBDrawn By:				