

## Visual Metronome Slave Core Configuration

The slave core is loaded with midio128\_v2\_2c firmware

Once loaded the firmware can be configured as below using MIOS Studio.

DOUT	SR/Pin	Channel	Event	Parameter
0	1/D7	1	Note On	72
1	1/D6	1	Note On	60
2	1/D5	1	Note On	72
3	1/D4	1	Disabled	0
4	1/D3	1	Disabled	0
5	1/D2	1	Note On	53
6	1/D1	1	Note On	54
7	1/D0	1	Note On	55
8	2/D7	1	Note On	56
9	2/D6	1	Note On	57
10	2/D5	1	Note On	58
11	2/D4	1	Note On	59

**Choose the appropriate values to match the metronome output of the master. Note that you will have to convert from HEX to DECIMAL before entering the values in the parameter box.**

**TIP monitor the midi out of the master to see what the note values are for your preferred setting. You can also use the virtual keyboard in MIOS Studio to discover the note values.**

**These settings are important!**

MIDI128 Tool

Load Save Device ID: 0 Receive Send 0%

DINS DOUTS Global

MIDI Merger: Enabled (received MIDI events forwarded to MIDI Out)

DIN Debouncing (mS): 20

Program Change Mode: DOUT pin will toggle between 0 and 1 whenever PC event is received

DIN->DOUT Forwarding Mode: Disabled

DIN Input Polarity: Normal (0V = Open/Depressed, 5V = Active/Pressed)

DOUT Output Polarity: Normal (5V = Active/On, 0V = Not Active/Off)

MIDI Channel for "All Notes Off": 1

Touch Sensor Sensitivity: 3