hapiNES

MIDI Implementation

The 4 instruments can be triggered via Midi notes.
Channel 1 triggers the triangle bass voice, Channel 2 and 3 trigger the square voices.
Channel 4 triggers the drum sounds (via notes 24 to 84)

Control Change Number	Description
64 (sustain pedal)	up=slide on. down=slide off
23	triangle/bass decay
20	Vibrato speed
12	Square 1 Vibrato depth
13	Square 2 Vibrato depth
15	Square 1 Arp Mode
16	Square 2 Arp Mode
28	Square 1 Arp Speed
31	Square 2 Arp Speed
27	Noise volume
22	Noise Bend
40	Triangle Slide rate
41	Square 1 Slide rate
42	Square 2 Slide rate
24	Square 1 decay
25	Square 2 decay
29 or mod wheel MIDI CH1	Square 1 PW
30 or mod wheel MIDI CH2	Square 2 PW
82	Vibrato Square1 0=off >0 = on
38	Vibrato Square2 0=off >0 = on
113	Arp Square1 0=off >0 = on
83	Arp Square2 0=off >0 = on
73	Lock device knobs(recommended for MIDI modulation) 0=off >0 = on