+5V

J3
Power In
D4
R4
330Ω

TP1
MIDI_Input

+5V

J2
MIDI Thr

J1
MIDI in

Y1
1MHz

U1
MCP14E3
ENA
INA
INB
ENB
VCC
GND
OUTA
OUTB

R1
2Ω
R2
2Ω
R3
2Ω
D1
D2
D3

TP2
MIDI_Output