IC1 MCP4822
IC2 MCP4822
IC3 SIM1-0512D-DIL8
IC4 TL072
IC5 TL072

D1/TX VIN
D0/RX GND1
RST   RST1
GND   +5V
D2   A7
D3   A6
D4   A5
D5   A4
D6   A3
D7   A2
D8   A1
D9   A0
D10   AREF
D11   3V3
D12   D13

R1 2.2k
R2 3.3k
R3 2.2k
R4 3.3k
R5 2.2k
R6 3.3k
R7 2.2k
R8 3.3k

R9 1k   Control1 JP1
R10 1k   Control2 JP2
R11 1k   Control3 JP3
R12 1k   Control4 JP4
R13 1k   Gate1   JP5
R14 1k   Gate2   JP6
R15 1k   Gate3   JP7
R16 1k   Gate4   JP8

C1 47uF
C2 0.1uF
C3 0.1uF
C4 0.1uF
C5 0.1uF

open hardware

Title: eegsynth_cvgate_mcp4822

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for http://eegsynth.org

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