5-bit Video DAC

052535

GND 9 GND
VCC 1 VCC

BLANK 7 BLANK
D0 6
D1 5
D2 4
D3 3
D4 2
OUT 8

VCC 13k R11
Q1 NPN
220 R12 OUT
470 R13
GND

VCC 220 R1 47k R6 D0
VCC 220 R2 20k R7 D1
VCC 220 R3 10k R8 D2
VCC 220 R4 4.7k R9 D3
VCC 220 R5 2.1k R10 D4
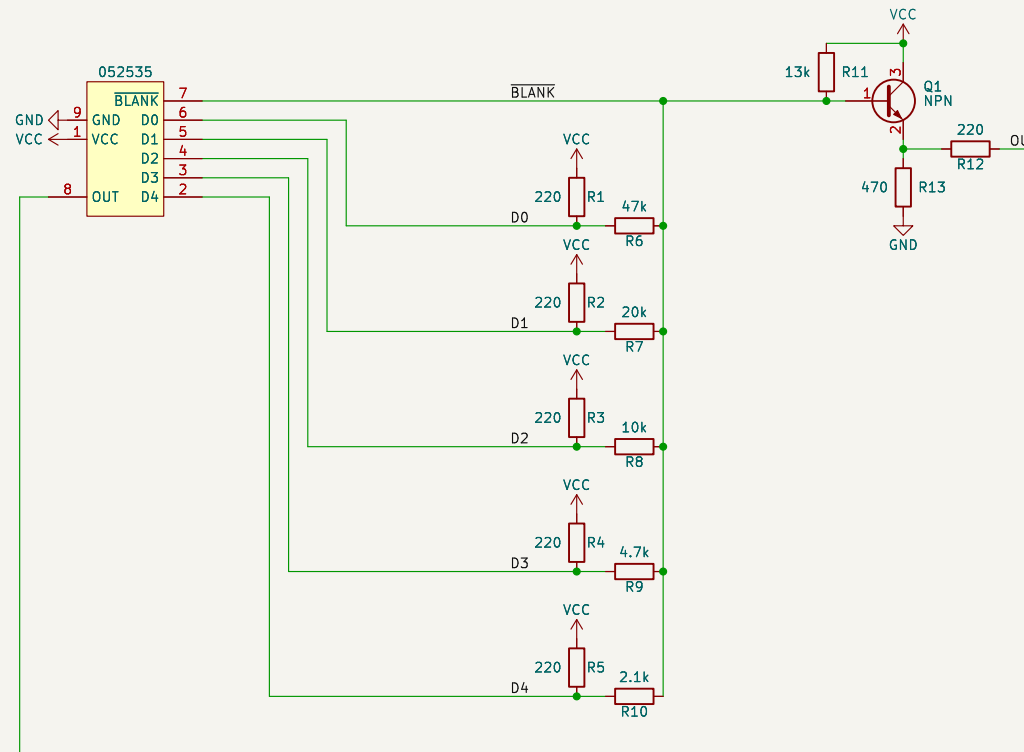
The schematics were created from a image by Caius on jammaarcade.net. The resistor values were discovered by simulating the circuit and doing measurements on a real IC. The resistor values are not totally certain but should be close enough.

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