

J1
Conn_01x06_Pin

1
2
3
4
5
6

CSi
Ri
Gi
Bi

GND

+5V

U1A MAX9144
3
2
1

U1D
12
13
14

C1
100n
GND

R2
75
GND

+5V

R3
330

R4
680

U1B
5
6
7

U1C
10
9
8

D1

R5
47K
GND

R6
47K
GND

R7
47K
GND

C2
100n
GND

R8
470
GND

C3
100n
GND

R9
220
GND

R10
1K
GND

U2A MAX9144
3
2
1

U2D
12
13
14

D2

U2B
5
6
7

U2C
10
9
8

D3

CSo
Io
Bo
Go
Ro

J2
Conn_01x09_Socket

+5V

C4
100n
GND

+5V

U1

U2

U1

U2

GND

Sheet: /
File: analog_rgb_to_rgbi_converter.kicad_sch

Title:

Size: A4

Date:

KiCad E.D.A. 8.0.4

Rev:

Id: 1/1