



J5  
RCJ-046 Green  
1  
2  
GND



J6  
RCJ-042 Red  
1  
2  
GND



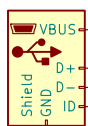
J2  
RCJ-045 Blue  
1  
2  
GND

+5V



FB1  
MPZ1608S221ATA00

J1



Micro USB

GND

Power Supply 5V  
from USB

FID1  
Fiducial

FID2  
Fiducial

Y

Pr

Pb

VIDEO\_AMP

FILTER1

GREEN\_IN

RED\_IN

BLUE\_IN

THS7368.sch

HD\_FLAG

SYNC\_STRIP

INPUT

CSYNCD

HSYNCD

VSYNCD

LMH1980.sch

DVL\_CSNC

DVL\_GREEN

DVL\_RED

DVL\_BLUE

GREEN\_OUT

RED\_OUT

BLUE\_OUT

J4

14 +5V\_MONITOR  
16 HOT\_PLUG\_DETECT  
6 DDC\_CLK  
7 DDC\_DATA

24 TMDS\_CLOCK-

23 TMDS\_CLOCK+

17 TMDS\_DATA0-

18 TMDS\_DATA0+

9 TMDS\_DATA1-

10 TMDS\_DATA1+

1 TMDS\_DATA2-

2 TMDS\_DATA2+

12 TMDS\_DATA3-

13 TMDS\_DATA3+

4 TMDS\_DATA4-

5 TMDS\_DATA4+

20 TMDS\_DATA5-

21 TMDS\_DATA5+

19 TMDS\_DATA05\_GND

11 TMDS\_DATA13\_GND

3 TMDS\_DATA24\_GND

22 TMDS\_CLOCK\_GND

GND

DVL\_RED

DVL\_GREEN

DVL\_BLUE

ANALOG\_RED

ANALOG\_GREEN

ANALOG\_BLUE

ANALOG\_VSYNC

ANALOG\_HSYNC

ANALOG\_GND

ANALOG\_SYNC\_GND

SHIELD

SHIELD

GND

0743201004

DVI Output



Randy Beckemeyer

Sheet: /

File: yuv2dvi.sch

Title: YUV-2-DVI

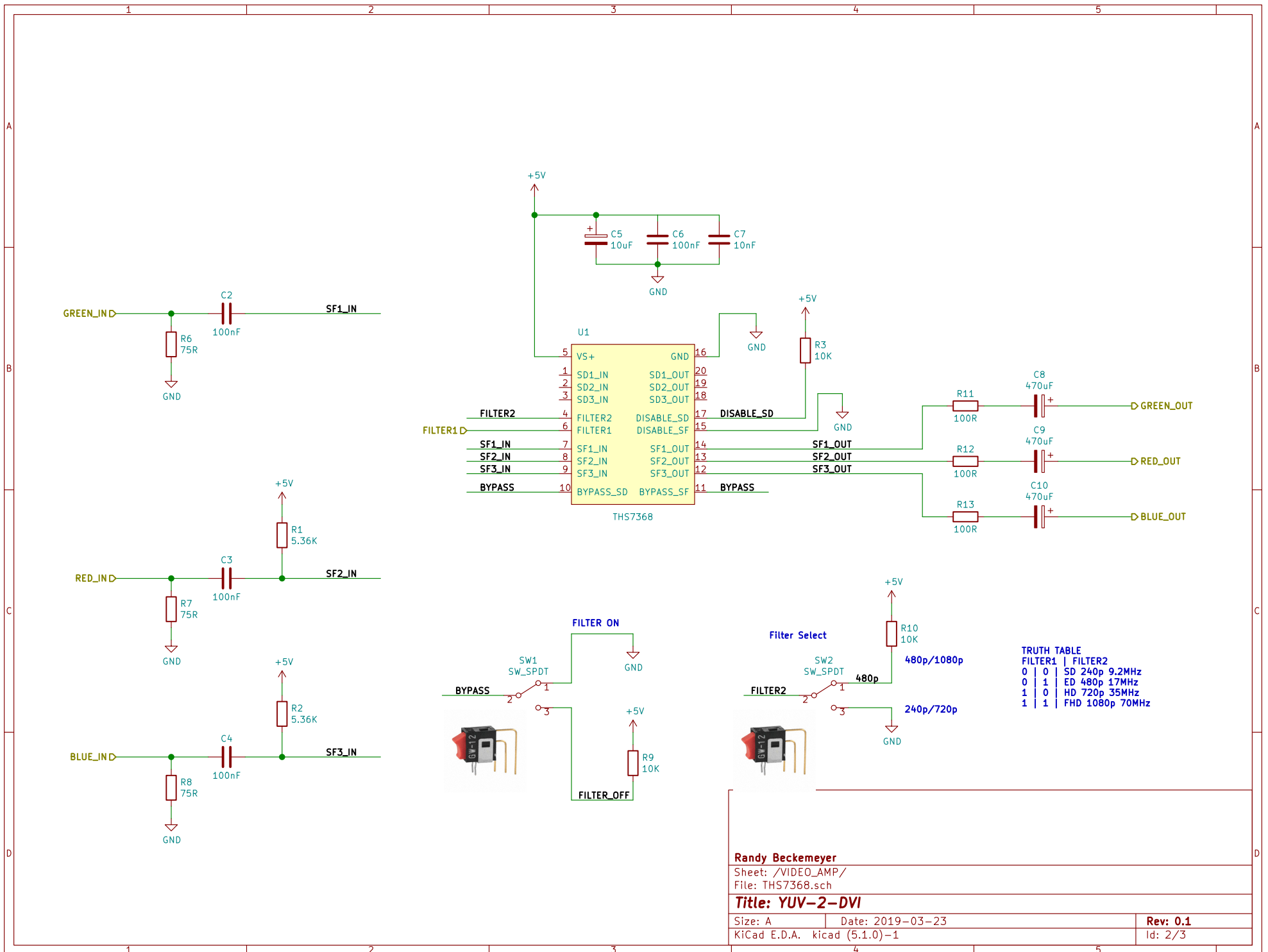
Size: A

Date: 2019-03-23

KiCad E.D.A. kicad (5.1.0)-1

Rev: 0.1

Id: 1/3



**Randy Beckemeyer**

Sheet: /VIDEO\_AMP/

File: THS7368.sch

**Title: YUV-2-DVI**

Size: A Date: 2019-03-23

KiCad E.D.A. kicad (5.1.0)-1

**Rev: 0.1**

Id: 2/3

A



U

2

Id: 3/3