

Sheet: /HDMI/	
File: HDMI.kicad_sch	
Title: HDMI Video Output	
Size: A4	Date:
KiCad E.D.A. 8.0.1	Rev: 3/8

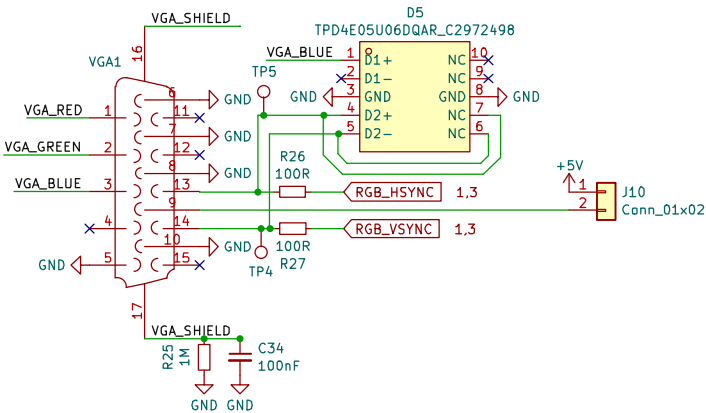
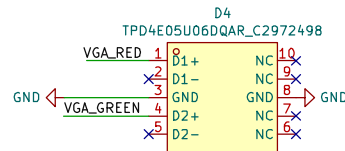
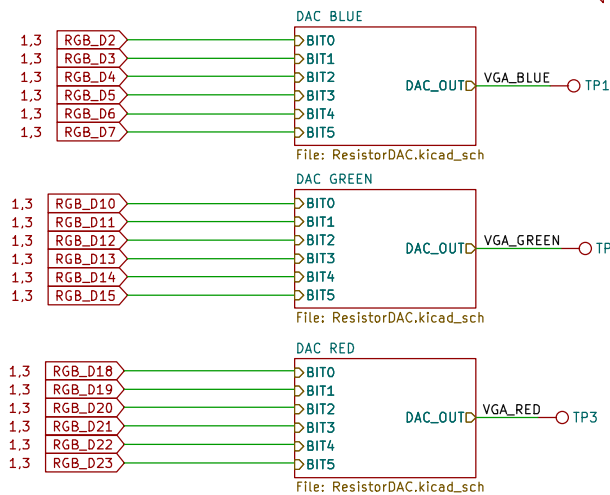
PROGRAMMING GUIDE

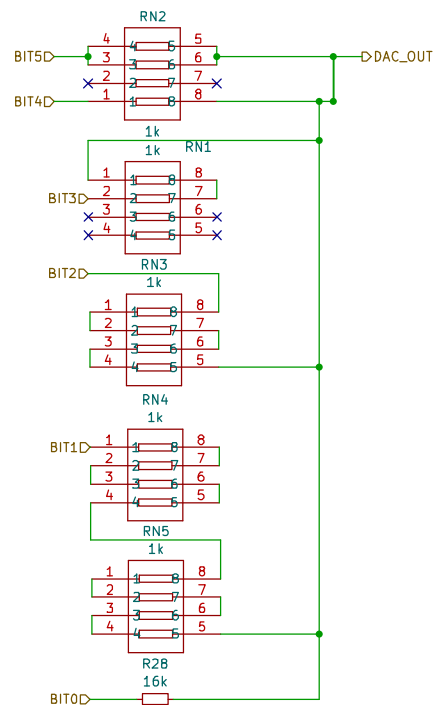
ADV7513

Table 16 Normal RGB or YCbCr 4:4:4 (24 bits) with Separate Syncs; Input ID = 0

Input Format	Data<23:0>																							
	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
RGB 444	R[7:0]								G[7:0]								B[7:0]							
YCbCr 444	Cr[7:0]								Y[7:0]								Cb[7:0]							

An input format of RGB 4:4:4 or YCbCr 4:4:4 can be selected by setting the input ID (R0x15 [3:1]) to 0b000. There is no need to set the Input Style (R0x16[3:2]).





Sheet: /VGA/DAC RED/
File: ResistorDAC.kicad_sch

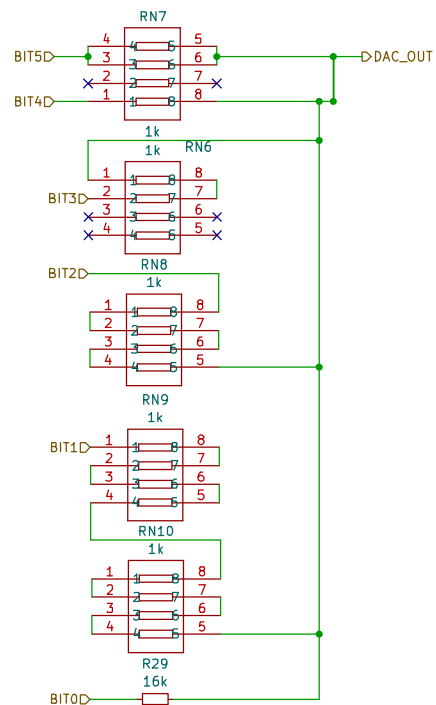
Title: Weighted Resistor DAC

Size: A4
KiCad E.D.A. 8.0.1

Date:

Rev:

Id: 1/8



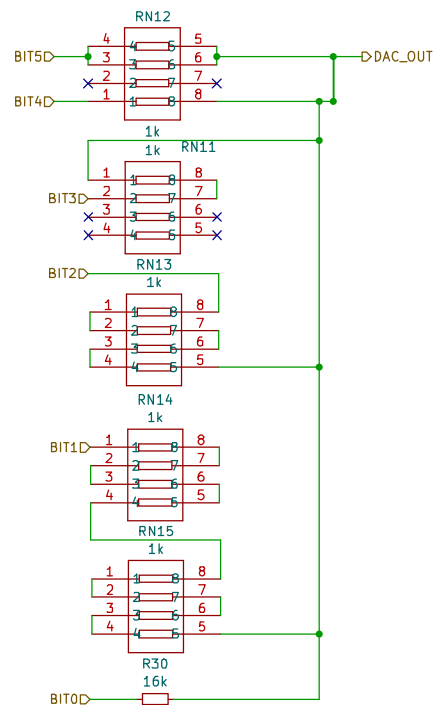
Sheet: /VGA/DAC GREEN/
File: ResistorDAC.kicad_sch

Title: Weighted Resistor DAC

Size: A4
KiCad E.D.A. 8.0.1

Date:

Rev:
Id: 5/8



Sheet: /VGA/DAC BLUE/
File: ResistorDAC.kicad_sch

Title: Weighted Resistor DAC

Size: A4
KiCad E.D.A. 8.0.1

Date:

Rev:

Id: 6/8

