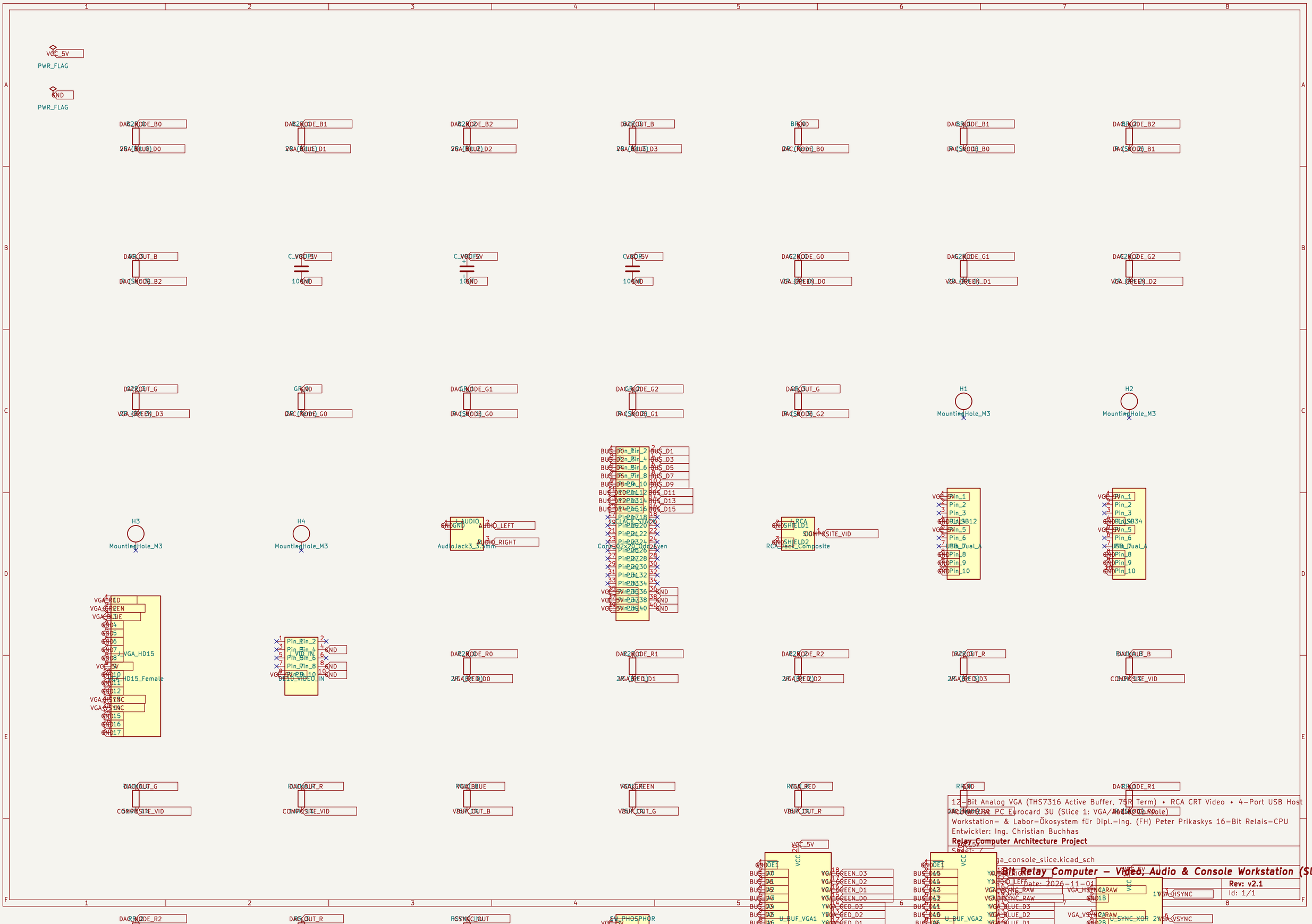

VCC_5V
PWR_FLAG
GND
PWR_FLAG
DAC2_CODE_B0
DAC2_CODE_B1
DAC2_CODE_B2
DAC2_OUT_B
GND
DAC_CODE_B0
DAC_CODE_B1
DAC_CODE_B2
VGA_BLUE_D0
VGA_BLUE_D1
VGA_BLUE_D2
VGA_BLUE_D3
C_VGOFF5V
100nF
DAC2_CODE_G0
DAC2_CODE_G1
DAC2_CODE_G2
DAC2_OUT_G
DAC_CODE_G0
DAC_CODE_G1
DAC_CODE_G2
VGA_GREEN_D0
VGA_GREEN_D1
VGA_GREEN_D2
VGA_GREEN_D3
H1
H2
MountingHole_M3
H3
H4
AUDIO
AUDIO_LEFT
AUDIO_RIGHT
AudioJack3_3.5mm
BUS_D0
BUS_D1
BUS_D2
BUS_D3
BUS_D4
BUS_D5
BUS_D6
BUS_D7
BUS_D8
BUS_D9
BUS_D10
BUS_D11
BUS_D12
BUS_D13
BUS_D14
BUS_D15
Connector_Pin_Header_2x20_P2.54mm_Vertical
RCA
RCA_Jack_Composite
USB_Dual_A
USB_Dual_B12
USB_Dual_B34
VGA_HD15
VGA_HD15_Female
DB15_VIDEO_IN
DAC2_CODE_R0
DAC2_CODE_R1
DAC2_CODE_R2
DAC2_OUT_R
DAC_CODE_R0
DAC_CODE_R1
DAC_CODE_R2
VGA_RED_D0
VGA_RED_D1
VGA_RED_D2
VGA_RED_D3
DAC2_OUT_B
COMPOSITE_VID
DAC2_OUT_G
DAC2_OUT_R
DAC_OUT_B
DAC_OUT_G
DAC_OUT_R
VGA_RED
VGA_GREEN
VGA_BLUE
U_BUF_VGA1
U_BUF_VGA2
U_SYNC_XOR
U_PHOSPHOR
VGA_HSYNC_RAW
VGA_VSYNC_RAW
VGA_HSYNC
VGA_VSYNC
12-Bit Analog VGA (THS7316 Active Buffer, 75R Term) • RCA CRT Video • 4-Port USB Host
Backplane PC Eurocard 3U (Slice 1: VGA/Audio/USB)
Workstation- & Labor-Ökosystem für Dipl.-Ing. (FH) Peter Prikaskys 16-Bit Relais-CPU
Entwickler: Ing. Christian Buchhas
Relay Computer Architecture Project
vga_console_slice.kicad_sch
Date: 2026-11-01
Rev: v2.1
Id: 1/1
16-Bit Relay Computer — Video, Audio & Console Workstation (Slice 1/