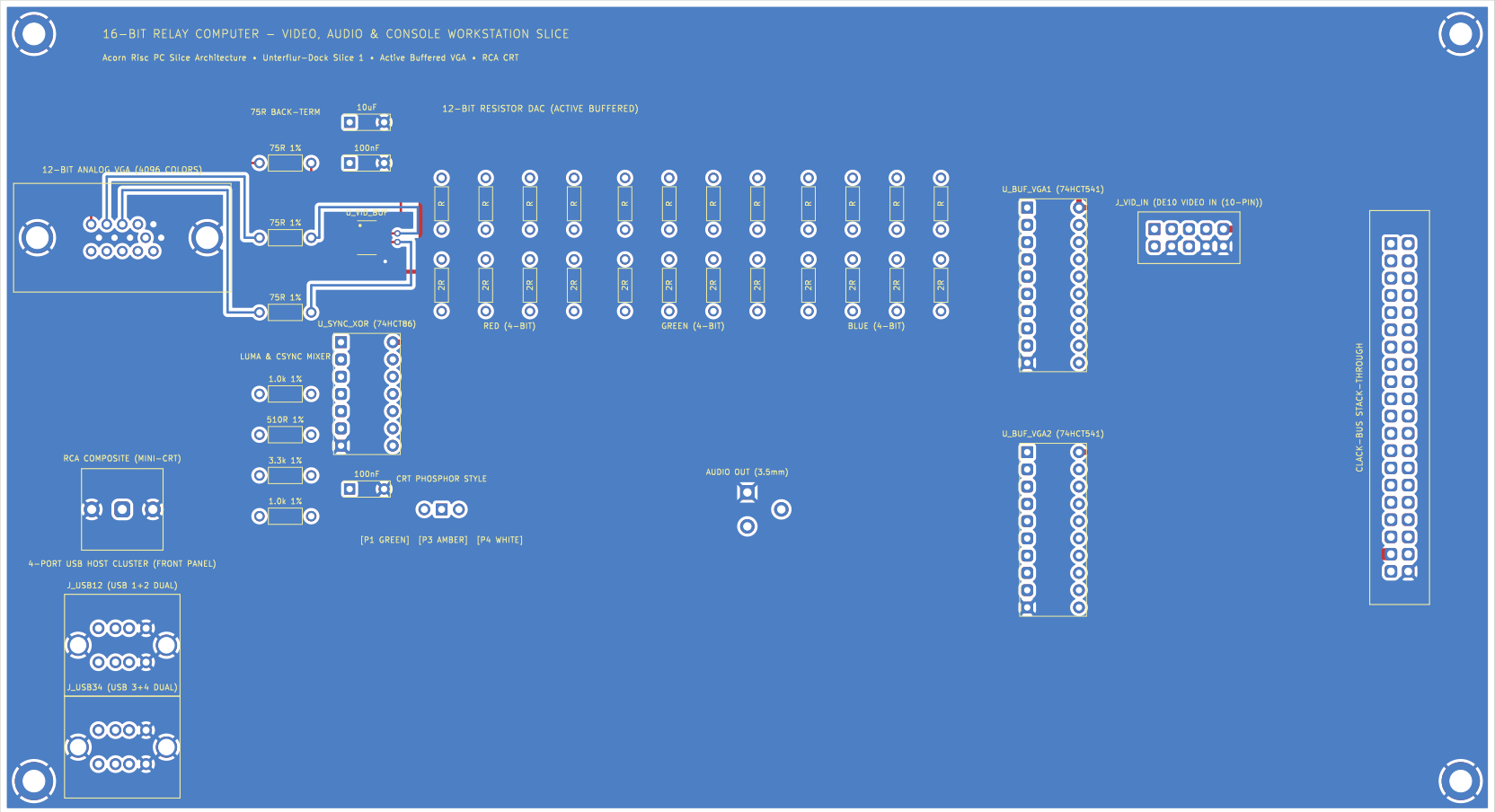
16-BIT RELAY COMPUTER – VIDEO, AUDIO & CONSOLE WORKSTATION SLICE
Acorn Risc PC Slice Architecture • Unterflur-Dock Slice 1 • Active Buffered VGA • RCA CRT
75R BACK-TERM
10uF
12-BIT RESISTOR DAC (ACTIVE BUFFERED)
75R 1%
100nF
12-BIT ANALOG VGA (4096 COLORS)
75R 1%
U_VID_BUF
R
2R
75R 1%
U_SYNC_XOR (74HCT86)
RED (4-BIT)
GREEN (4-BIT)
BLUE (4-BIT)
U_BUF_VGA1 (74HCT541)
J_VID_IN (DE10 VIDEO IN (10-PIN))
LUMA & CSYNC MIXER
1.0k 1%
510R 1%
3.3k 1%
1.0k 1%
RCA COMPOSITE (MINI-CRT)
100nF
CRT PHOSPHOR STYLE
[P1 GREEN] [P3 AMBER] [P4 WHITE]
AUDIO OUT (3.5mm)
U_BUF_VGA2 (74HCT541)
CLACK-BUS STACK-THROUGH
4-PORT USB HOST CLUSTER (FRONT PANEL)
J_USB12 (USB 1+2 DUAL)
J_USB34 (USB 3+4 DUAL)