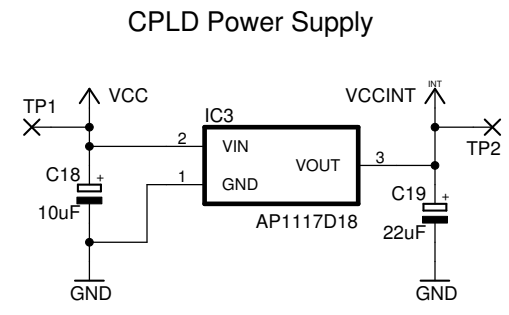
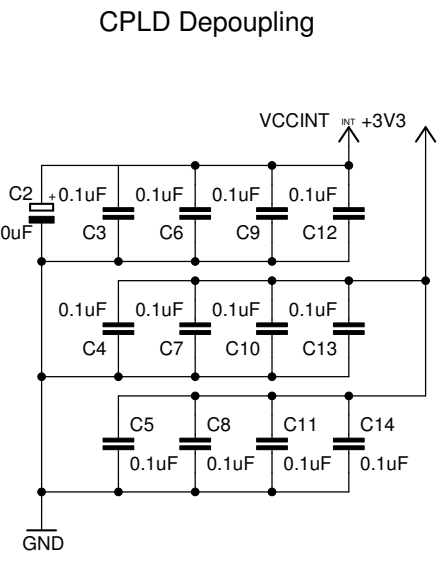
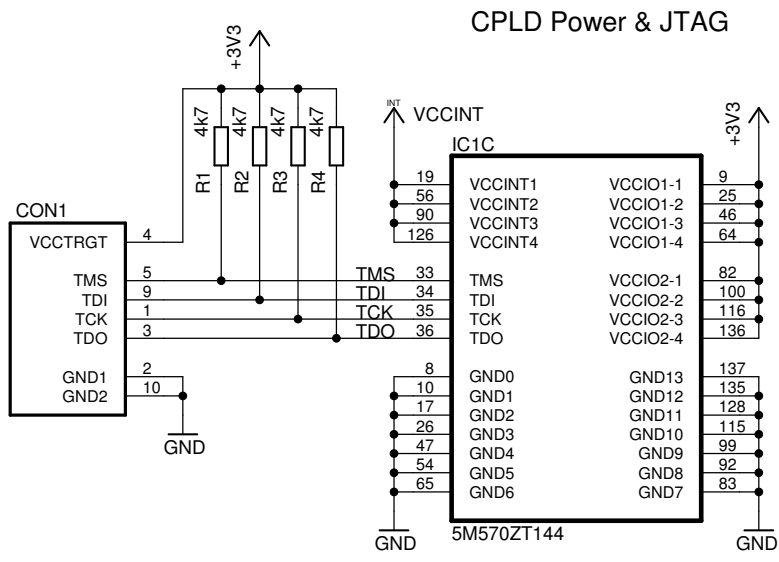
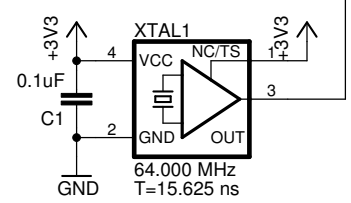
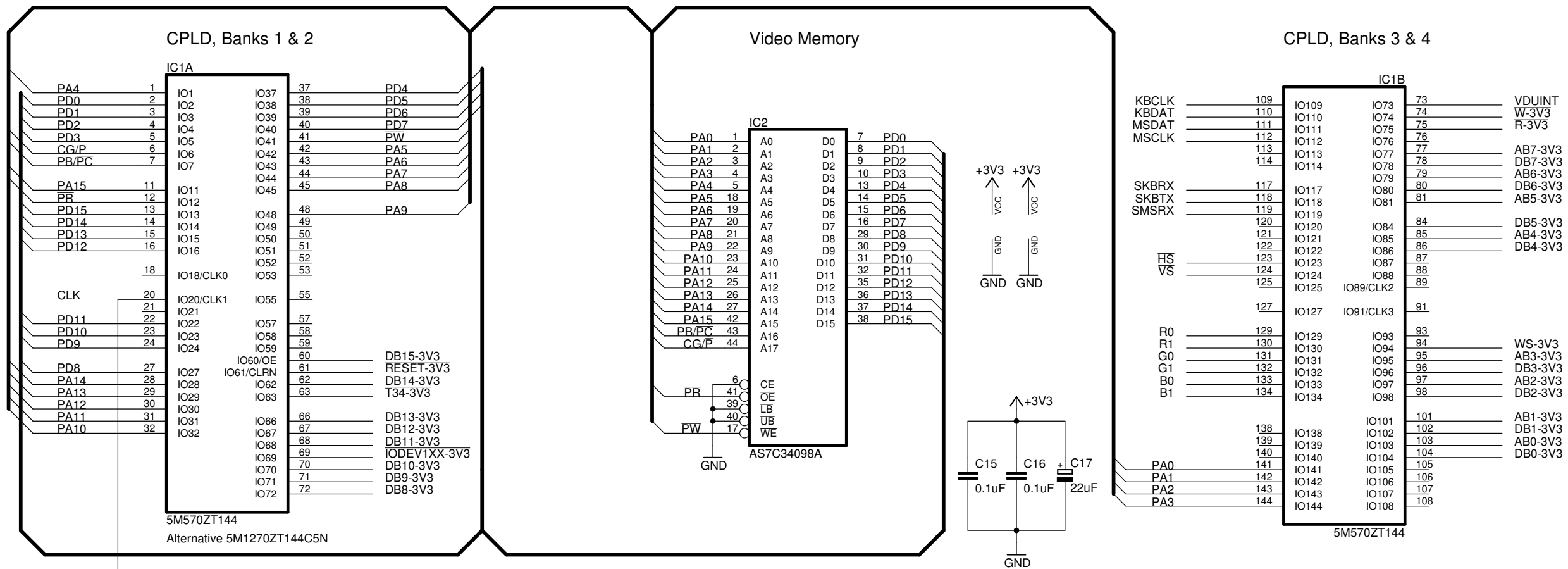


CFT Mini-Computer VDU Card

Frame State Machine



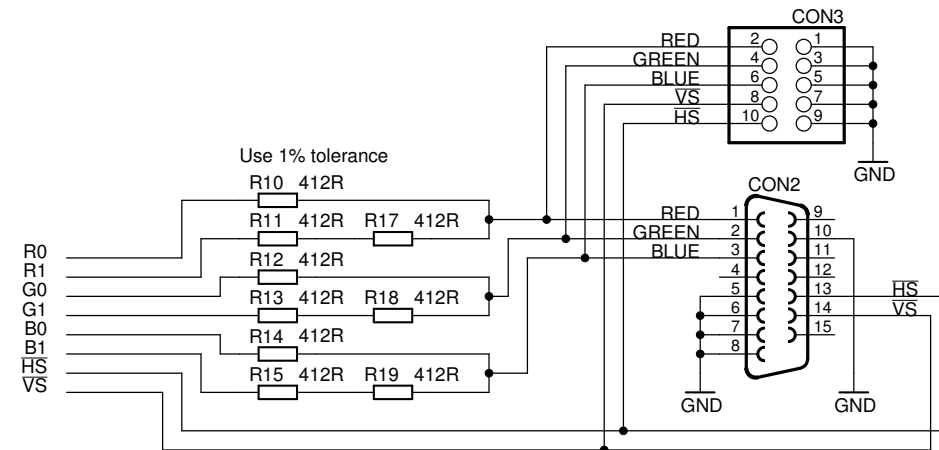
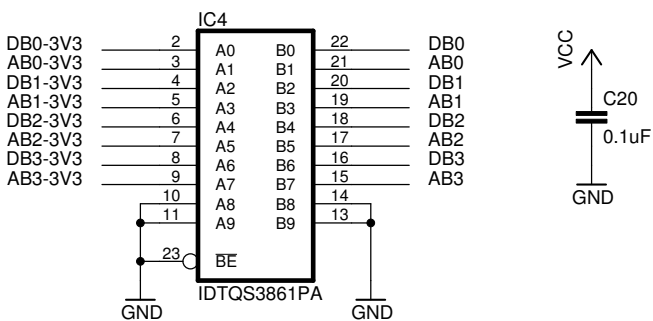
T	Title: video-max5
	Revision: Draft, pre-alpha
	Last Change: 28 Jan 2013 01:08:55
	Drawn by: AlexiosC 1/3
	Simulation filename: video.v
More Info:	

CFT Mini-Computer VDU Card

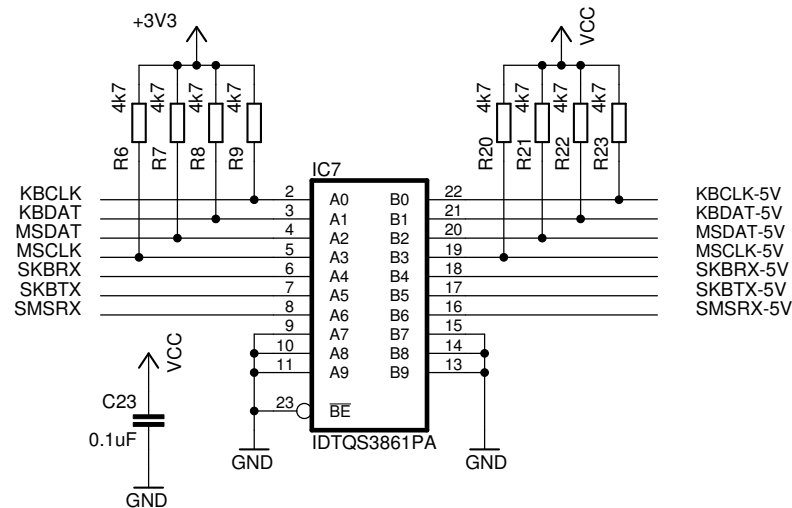
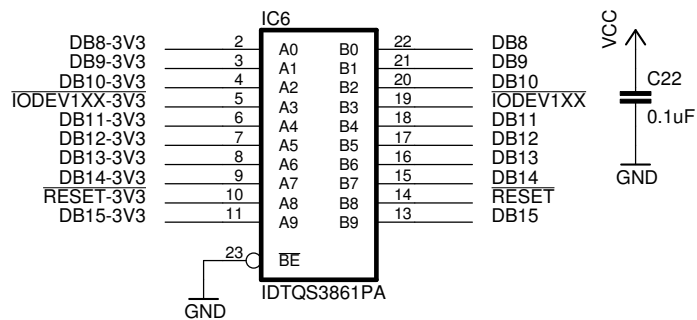
Frame State Machine

CFT Bus Level Translation

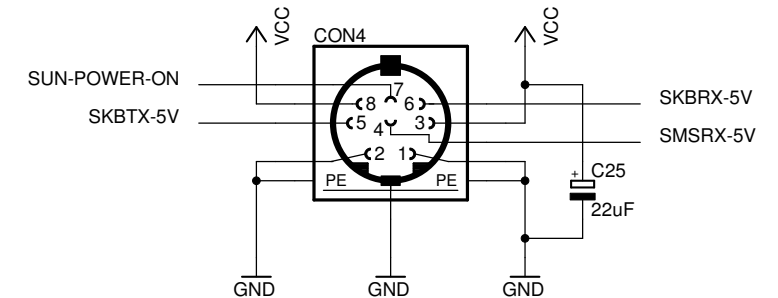
Video Out



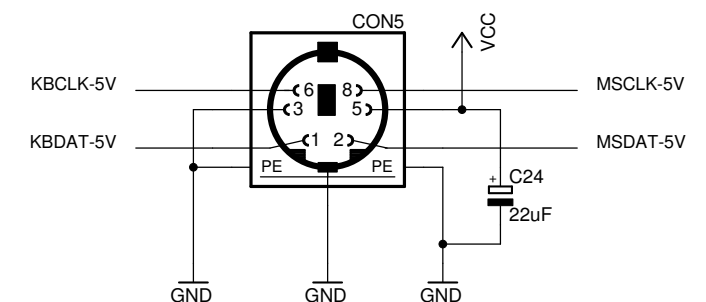
Keyboard Level Translation and Input



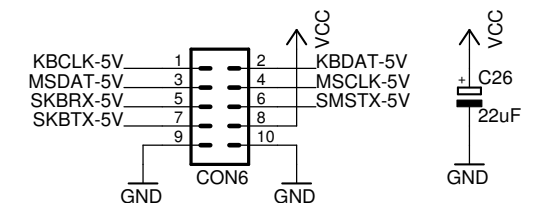
Sun Keyboard/Mouse Port



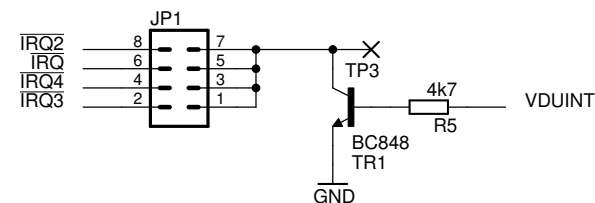
PS/2 Keyboard/Mouse Port



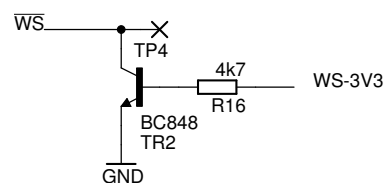
Sun & PS/2 Keyboard/Mouse Connector



Interrupt Selection (Open Drain)



Wait State Generation (Open Drain)



T

Title: video-max5
Revision: Draft, pre-alpha
Last Change: 28 Jan 2013 01:08:55
Drawn by: AlexiosC
Simulation filename: video.v
More Info:

Bus Connectors

- (1) This pin is connected to a bus bar for power distribution, but the CFT does not (yet) require it. It's likely to be connected to another voltage level like +3.3V for easier interfacing. Reserved for now.
- (2) Pins *TPA and *TPC are not bussed. They are locally connected to each card's corresponding test pins (A17 & C17) to serve as test points.
- (3) Reserved for future expansion
- (4) Cheaper, 64-pin A+C row DIN41662 Type C plugs may be used for most expansion cards.
- (5) $\overline{\text{IRQ}}$ is provided for systems which lack an interrupt controller ($\overline{\text{IRQ0-7}}$)

U

Title: video-max5	
Revision: Rev J	
Last Change: 28 Jan 2013 01:08:55	
Drawn by: Alexios	3/3
Simulation filename: N/A	
More Info: http://www.bedroomlan.org/cft	