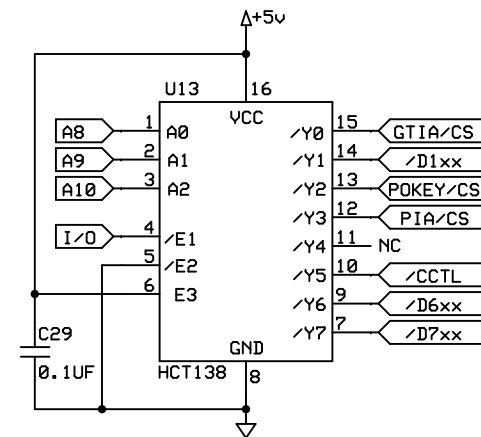


CHIP SELECT DECODING



*NOTE: /EXT = /EXTSEL, REQUEST BY EXTERNAL DEVICE (Parallel Bus) TO TURN OFF RAM ACCESS
/CI = /CASINH, RAM CAS INHIBIT GENERATED BY U1MB MMU DECODING

Mytek Controls

1088 XEL Mini-ITX MOTHERBOARD

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Rev 1.1

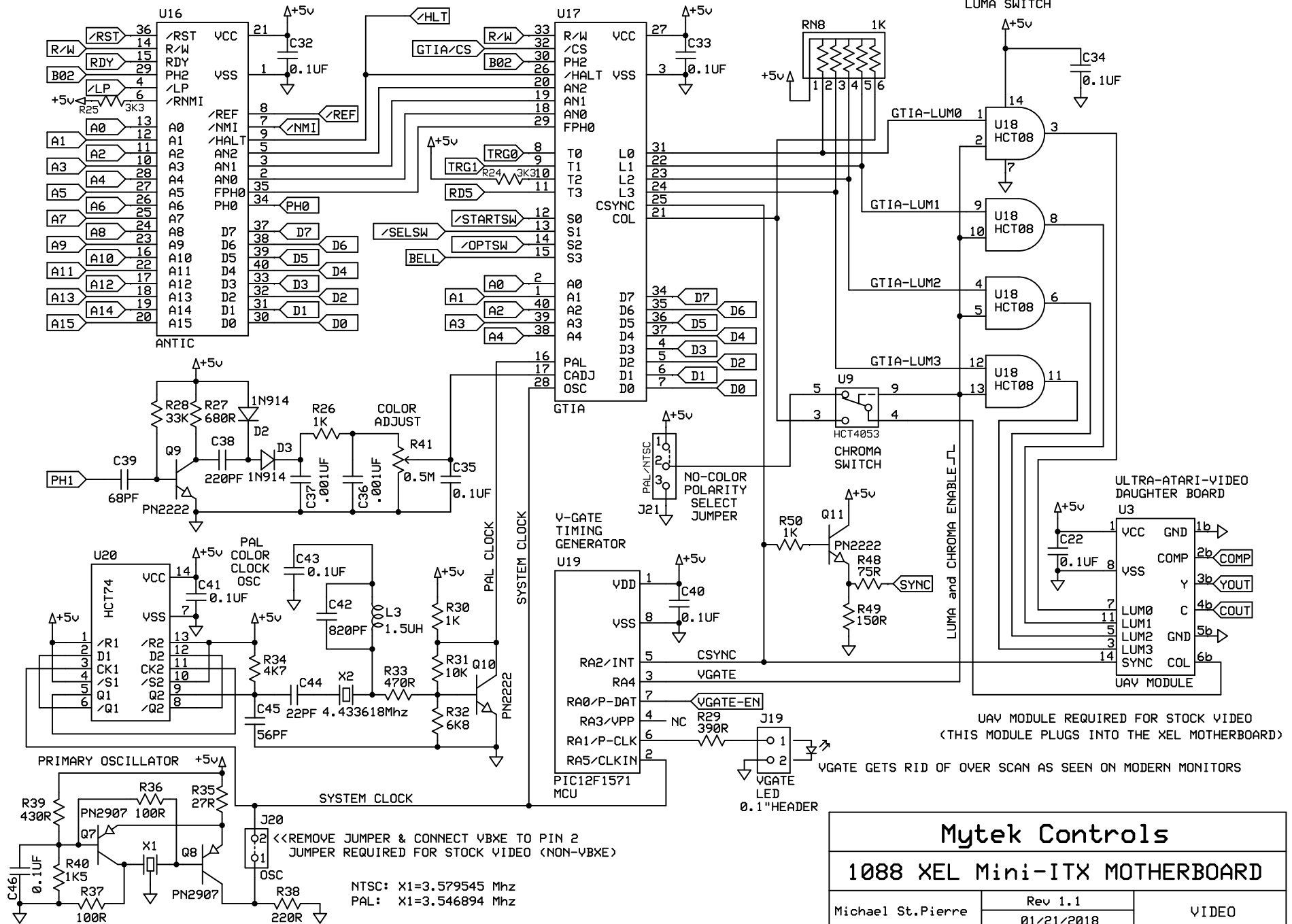
01/21/2018

CPU/MEMORY

VIDEO CO-PROCESSOR

COLOR TV INTERFACE

VIDEO GATING



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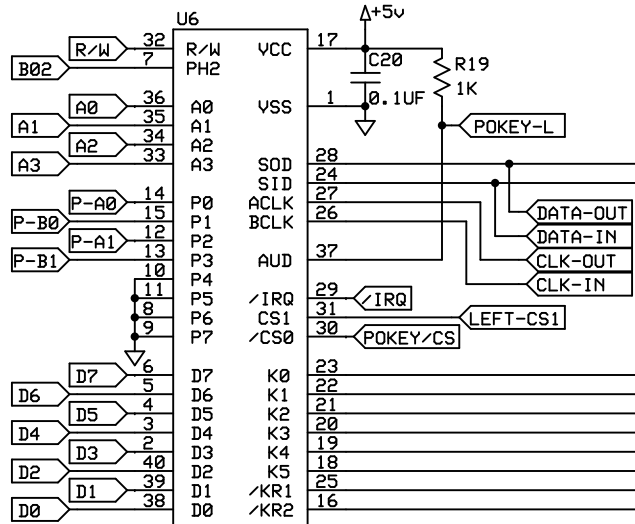
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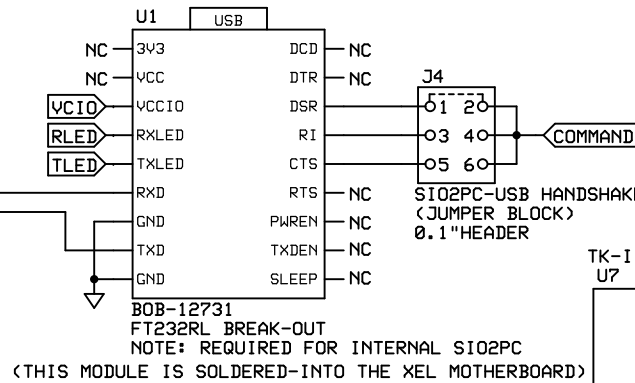
VIDEO

LEFT CHANNEL POKEY



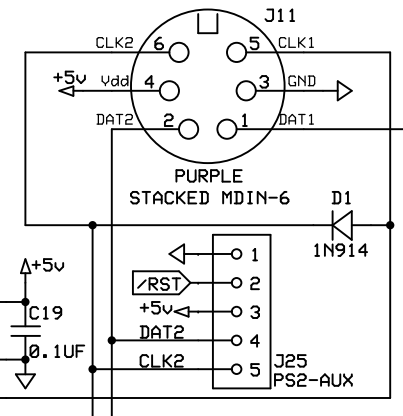
POKEY C012294

SI02PC-USB

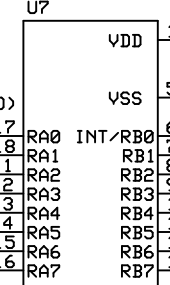


BOB-12731
FT232RL BREAK-OUT
NOTE: REQUIRED FOR INTERNAL SI02PC
(THIS MODULE IS SOLDERED-INTO THE XEL MOTHERBOARD)

PS/2 KEYBD

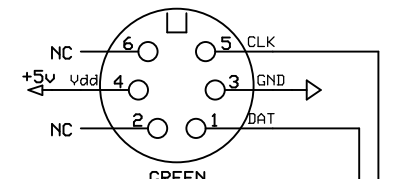


TK-II KB CHIP

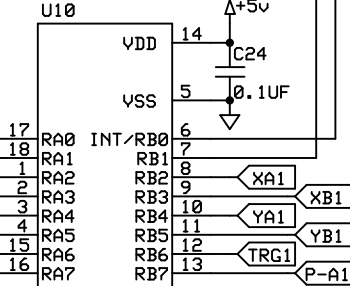


PIC16F1847
MCU

PS/2 MOUSE

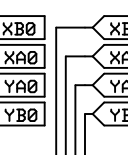


MOUSETARI CHIP

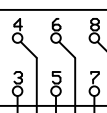


PIC16F1847
MCU

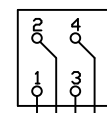
MOUSE X/Y CONNECTIONS



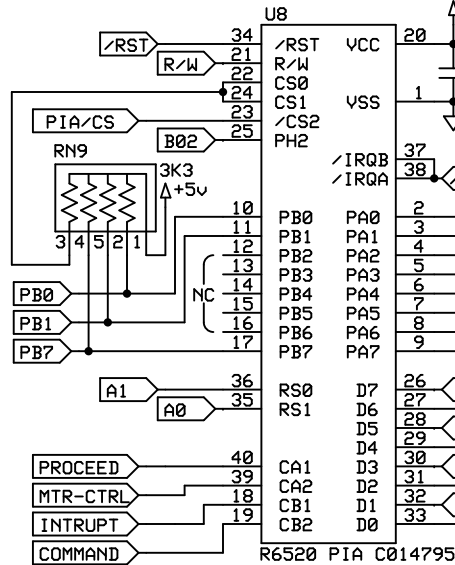
JOY 1



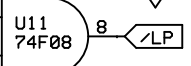
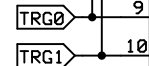
JOY 2



0.1" HEADERS



R6520 PIA C014795



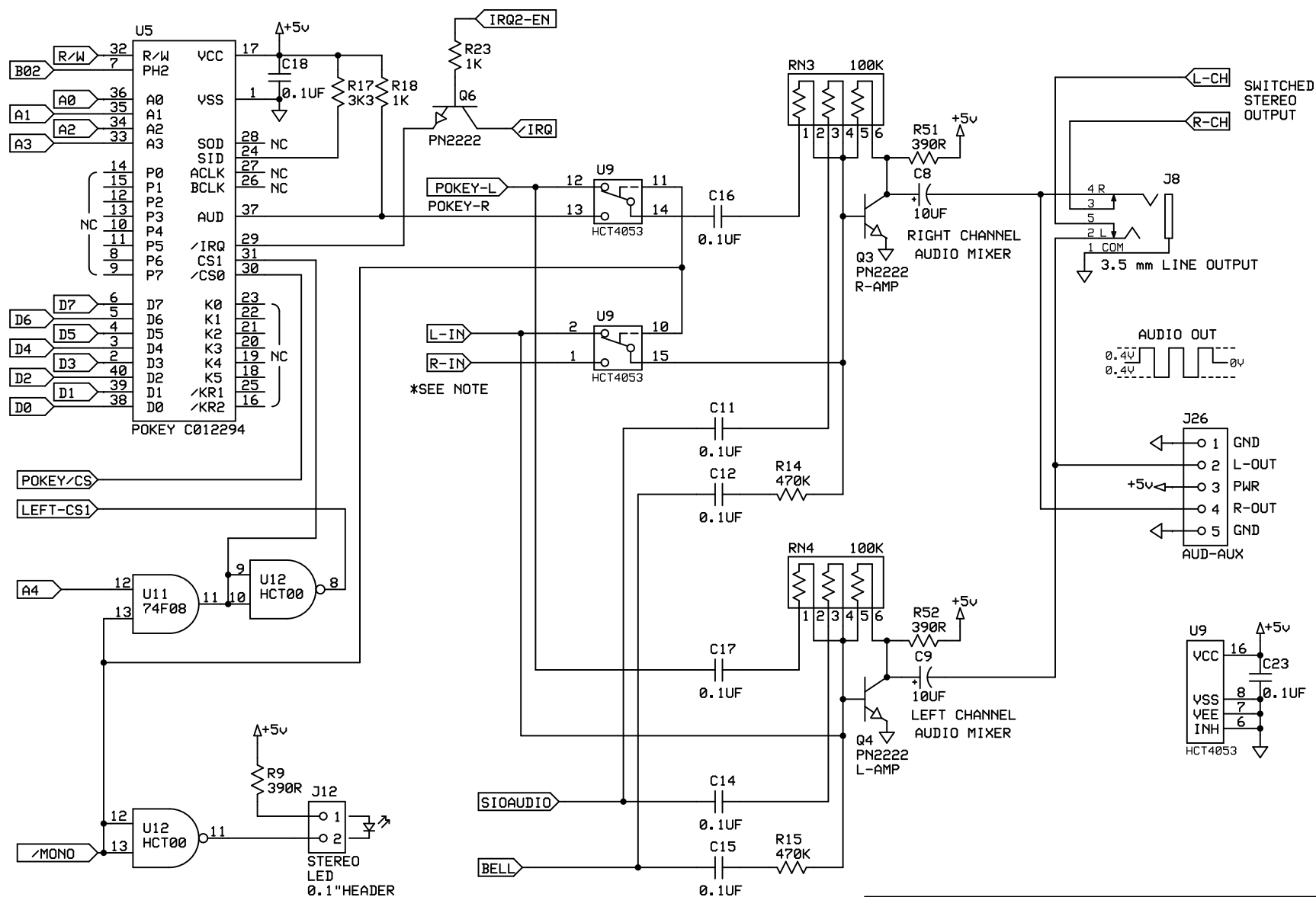
*NOTE: TK-II PROVIDES ALL RESET SERVICES

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1088 XEL Mini-ITX MOTHERBOARD

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	01/21/2018	

RIGHT CHANNEL POKEY



*NOTE: R-IN and L-IN GO DIRECTLY INTO THE SUMMING AMPLIFIERS, SO REQUIRE AN INLINE RESISTOR AND CAPACITOR ON THE MPBI DEVICE IF THEY HAVE AUDIO OUTPUTS.

Mytek Controls

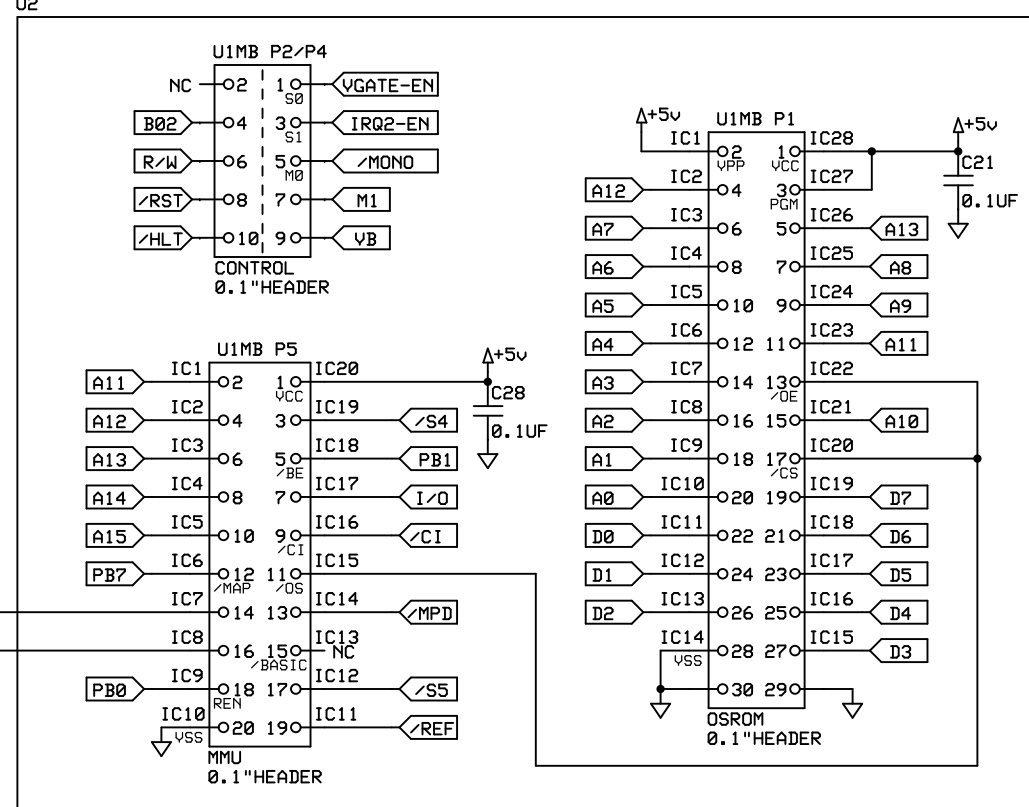
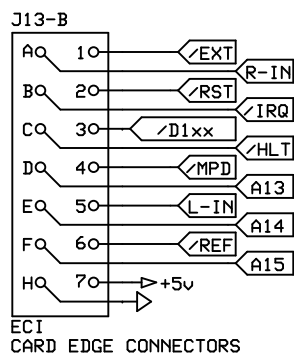
1088 XEL Mini-ITX MOTHERBOARD

Michael St.Pierre

Rev 1.1

01/21/2018

AUDIO



ULTIMATE 1MB MODULE

UIMB/XEL CONTROL BIT DEFAULTS		
P4	LOGIC=0	LOGIC=1
S0	VGATE OFF	VGATE ON
S1	IRQ2 OFF	IRQ2 ON
M0	MONO	STEREO
M1	RAPIDUS ON	RAPIDUS OFF
VB	PART OF VBXE ADDRESSING	

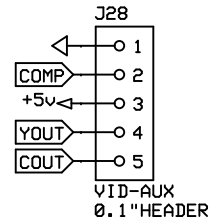
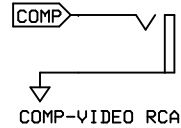
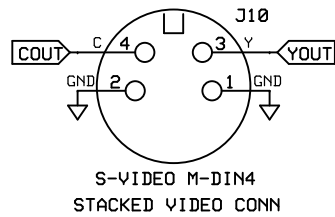
NOTE: THE U1MB BOARD IS A MUST HAVE ITEM.
(THIS MODULE PLUGS INTO THE XEL MOTHERBOARD)

Mytek Controls

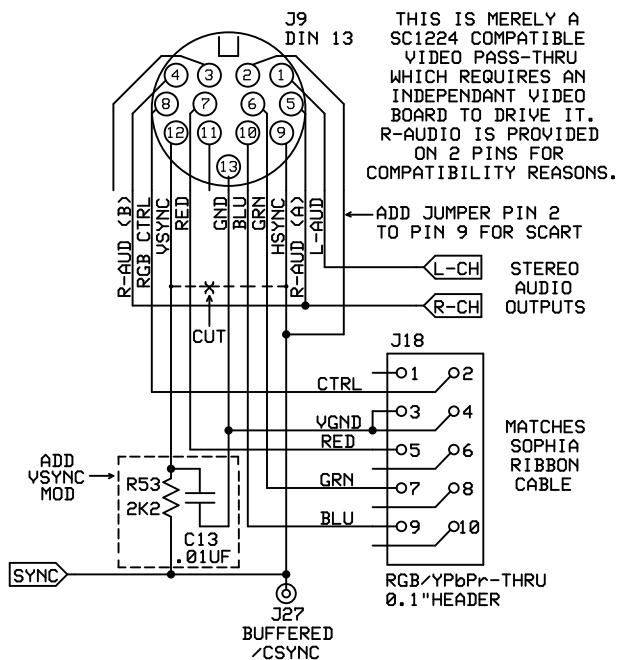
1088 XEL Mini-ITX MOTHERBOARD

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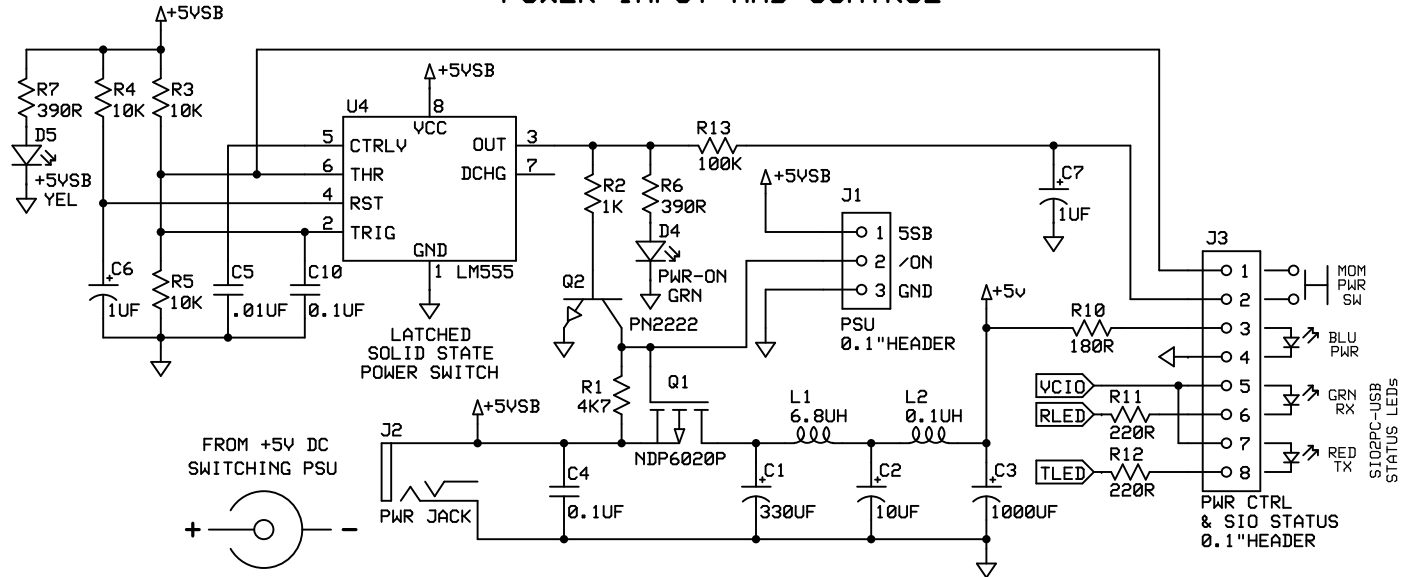
STD VIDEO



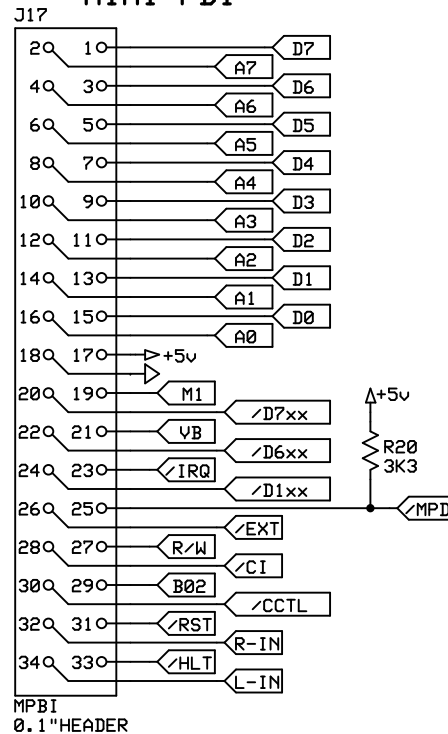
RGB/YPbPr



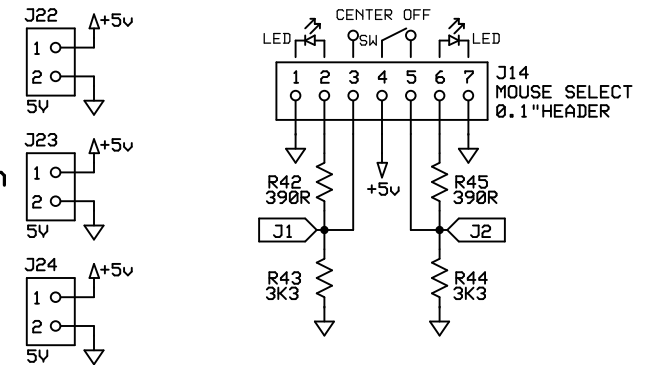
POWER INPUT AND CONTROL



Mini-PBI



Mouse Select Switch



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Rev 1.1
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MISC CONN2