

PEVA

XTX Evaluation Backplane

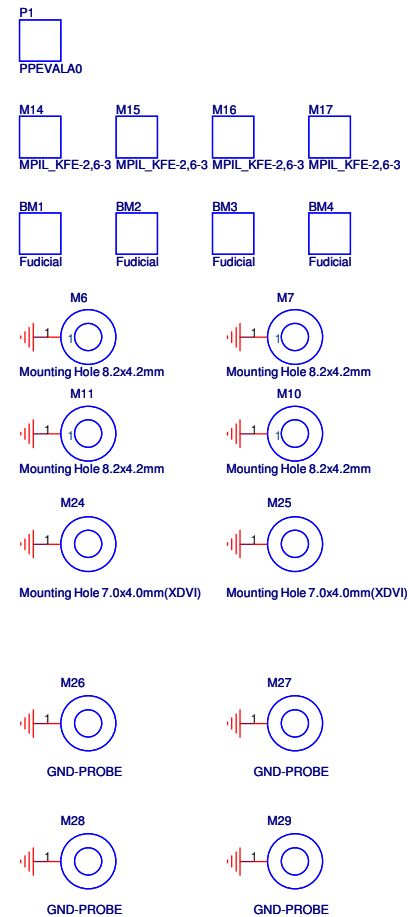
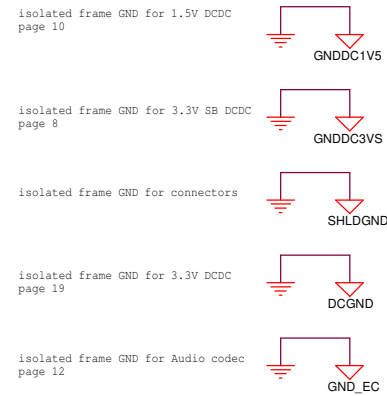
Rev. A.0


Content

Page 1	MAIN
Page 2	XTX Connector X1
Page 3	PCI Bus
Page 4	USB Bus and Sound
Page 5	PCI Post
Page 6	XTX Connector X2
Page 7	SATA
Page 8	PCI Express
Page 9	Express Card
Page 10	LPC Super IO
Page 11	LPC FWBs
Page 12	AC97
Page 13	XTX Connector X3
Page 14	VGA TV
Page 15	LPT COM FLPY MB MS
Page 16	LCD
Page 17	XTX Connector X4
Page 18	IDE and Ethernet
Page 19	PWR BATT SPK Feature FAN
Page 20	DCDC 3.3V
Page 21	Revision History

Variants

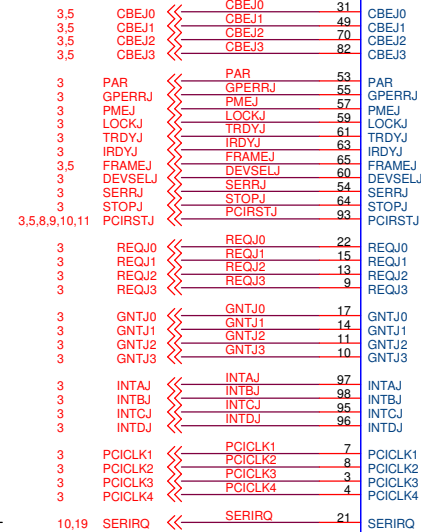
Base Components used on all options



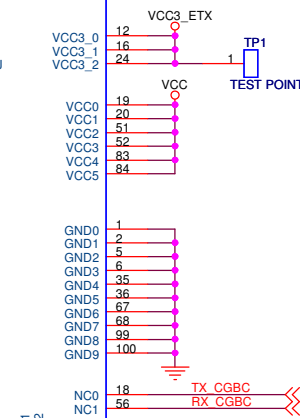
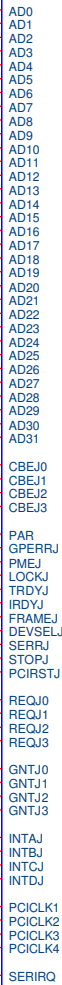
Congatec AG Auwiesenstrasse 5 D-94469 Deggendorf Germany		 congatec the rhythm of embedded computing	
Title PEVA - XTX pro Evaluation Backplane			
Size B	Document Number PEVASA0	Created	Rev A.0
Date:	Wednesday, April 05, 2006	Sheet 1	of 21

3.5 PCI_AD[0..31] << PCI_AD[0..31]

PCI



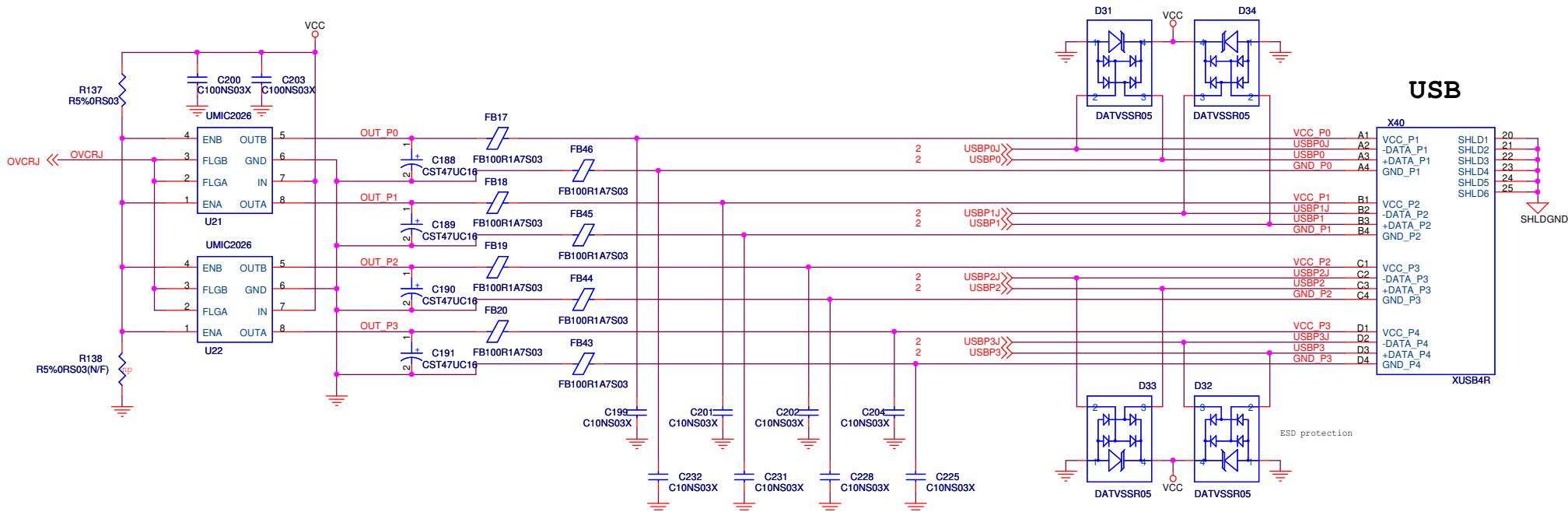
X1

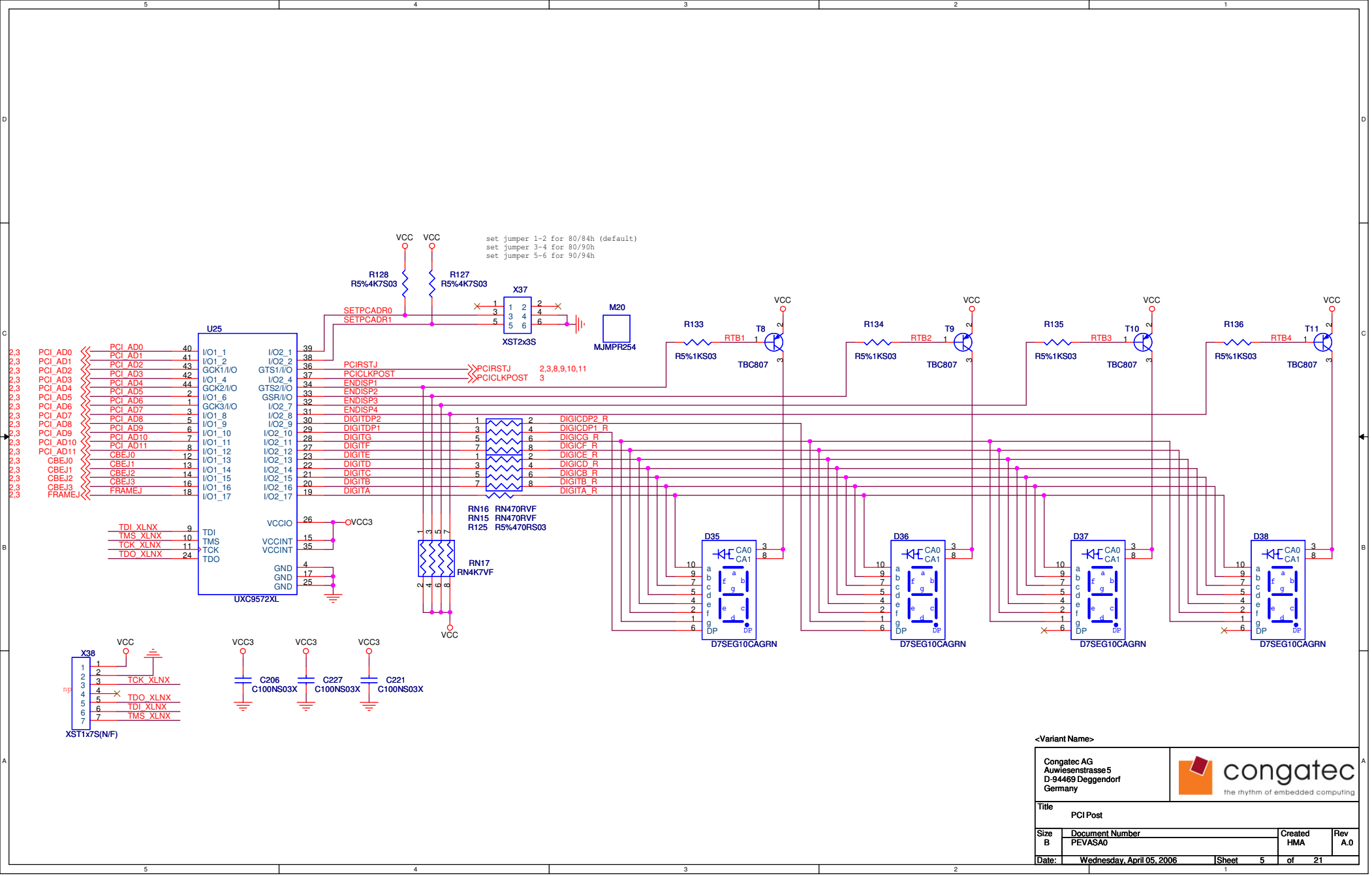


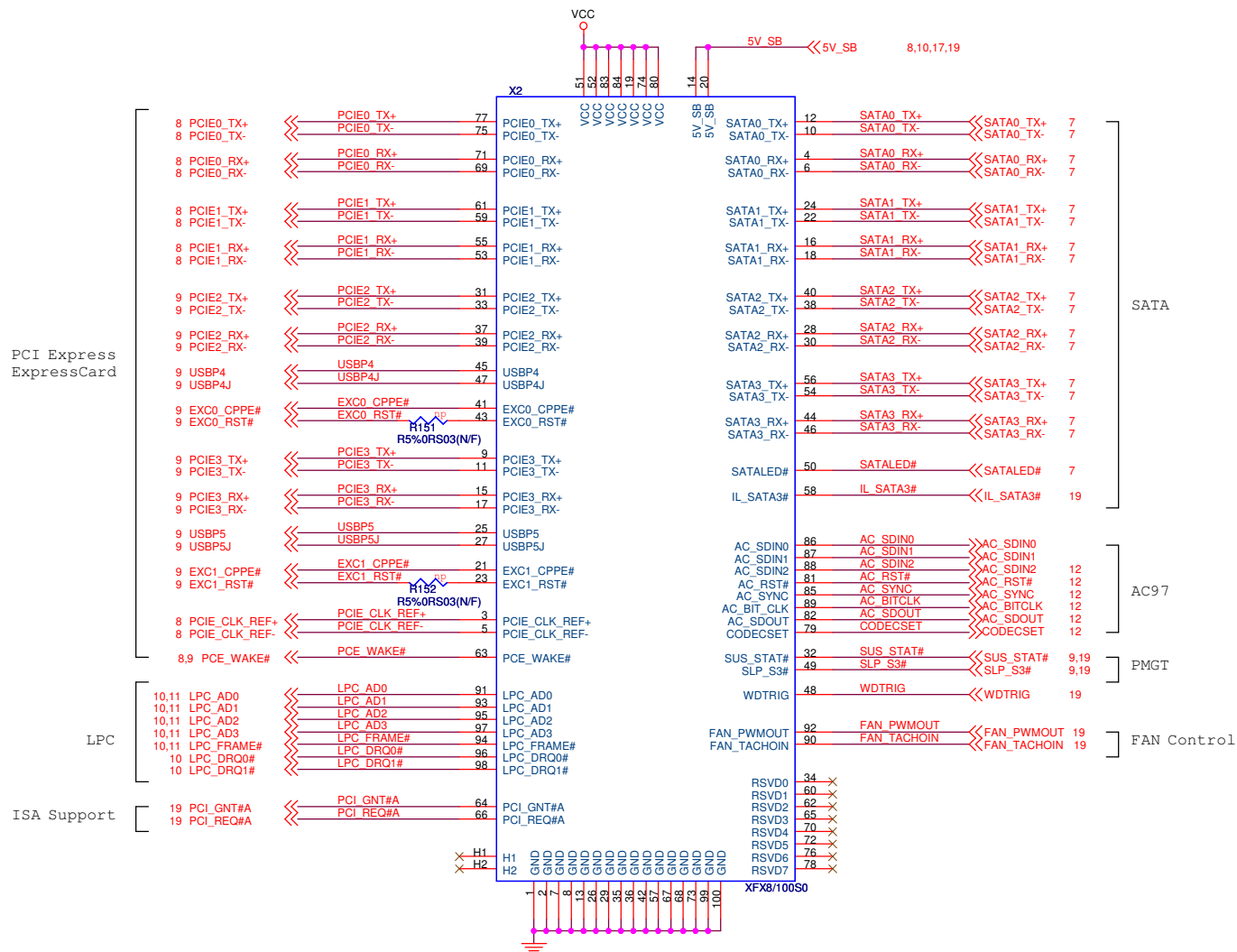
XF8/100S0

ETX Connector X1

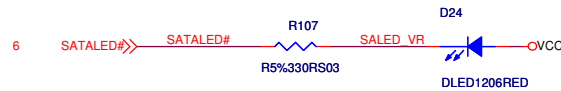
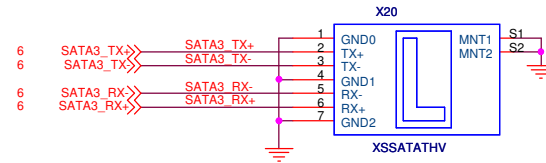
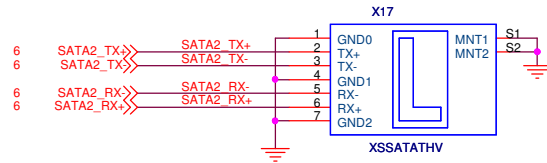
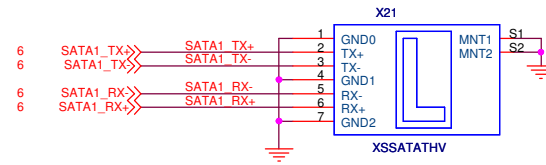
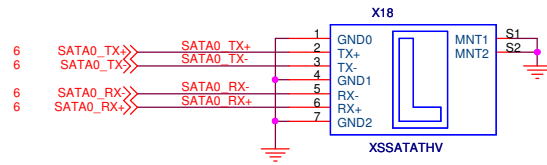
PCI Bus / Sound / USB

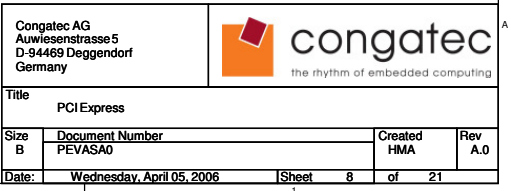


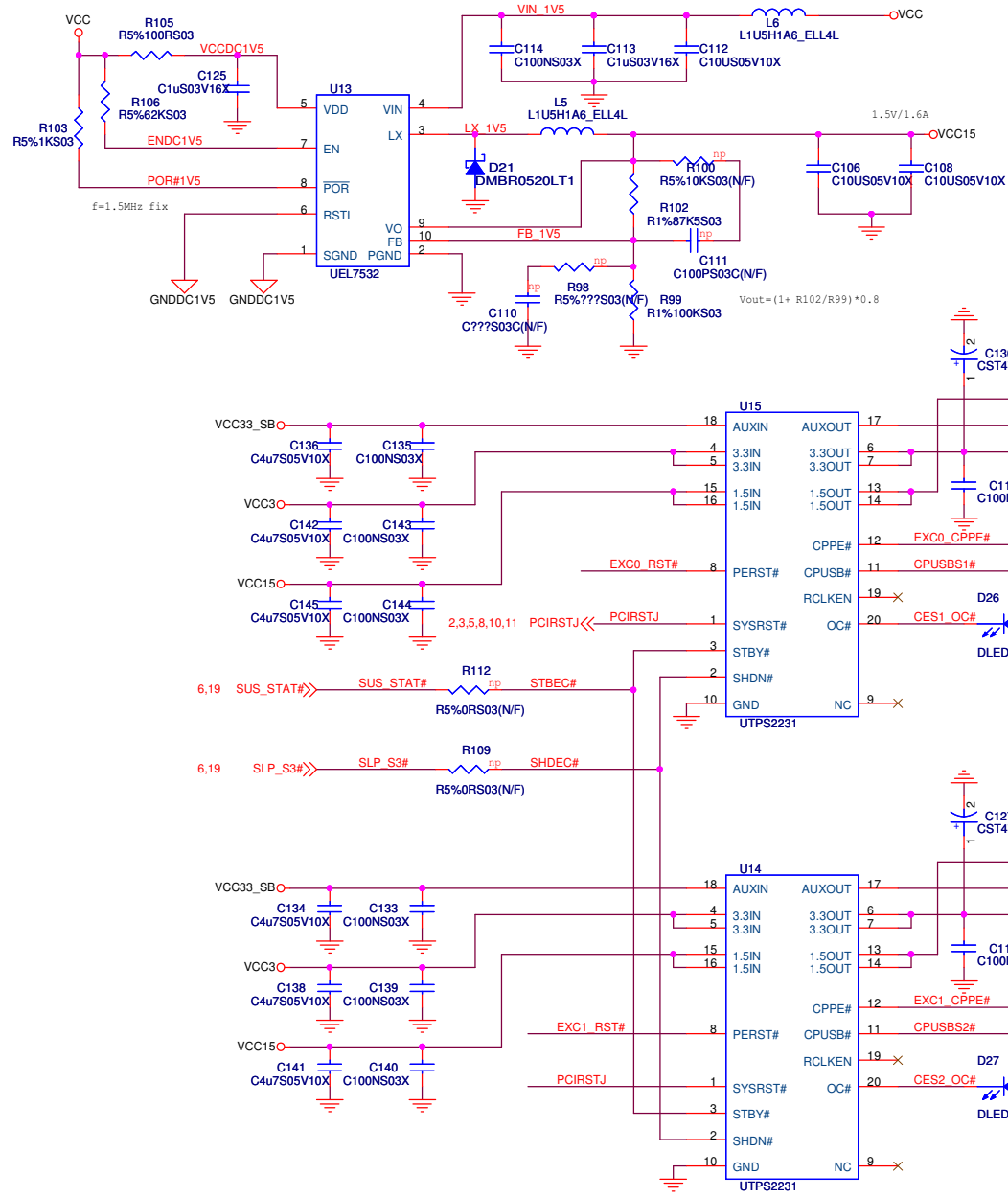




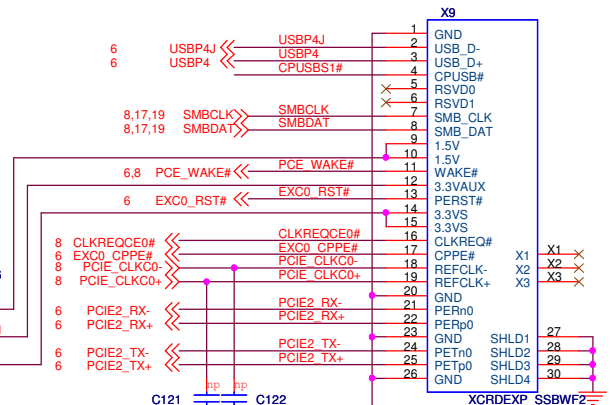
XTX Connector X2
PCI Express / SATA / AC97 / LPC



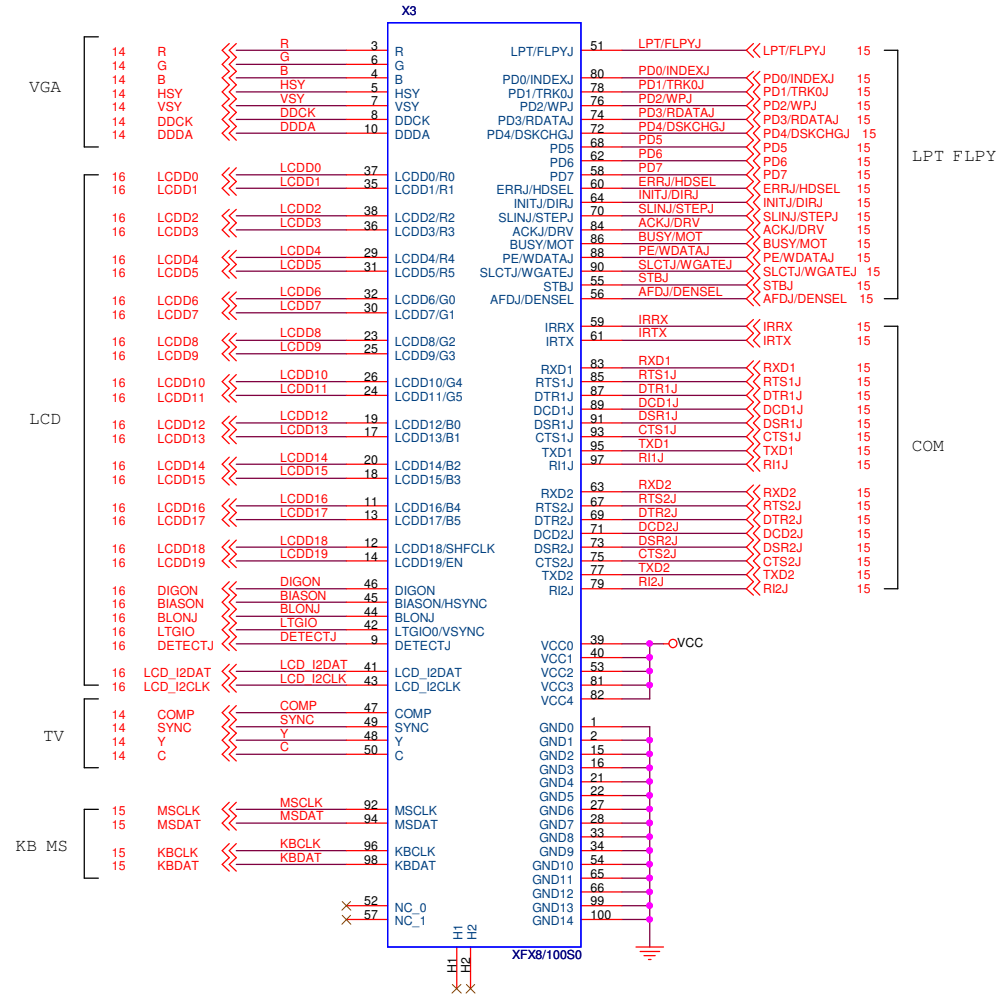




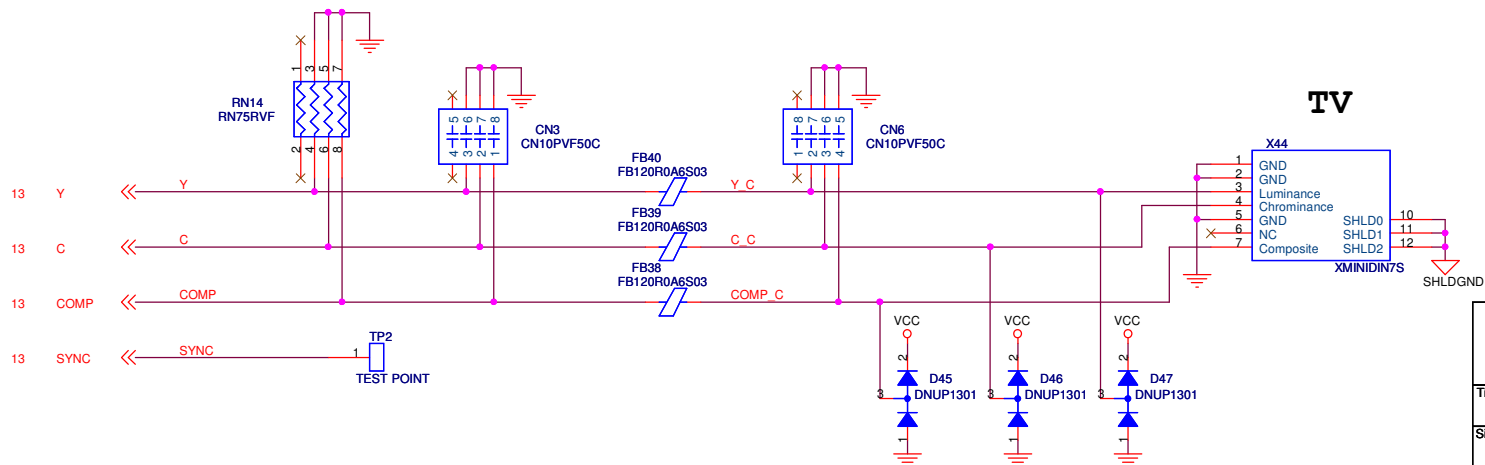
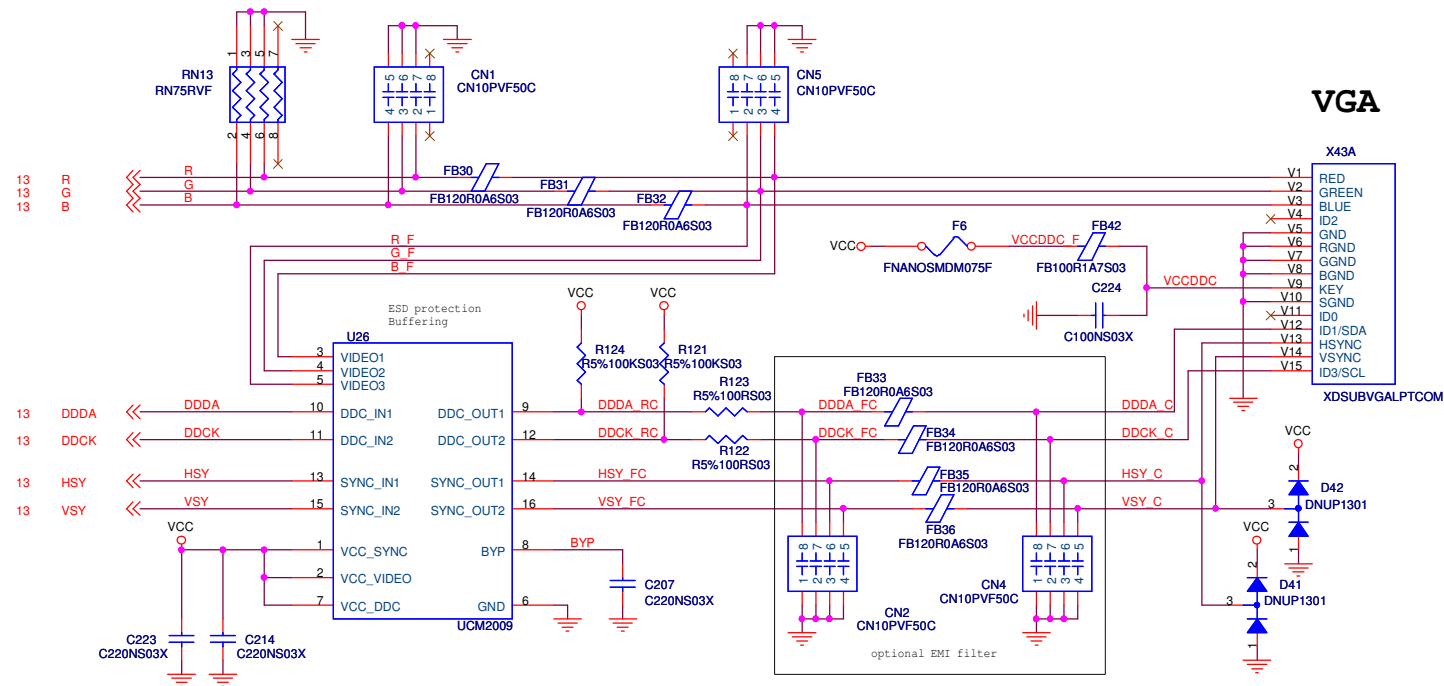
Cardexpress SLOT 1







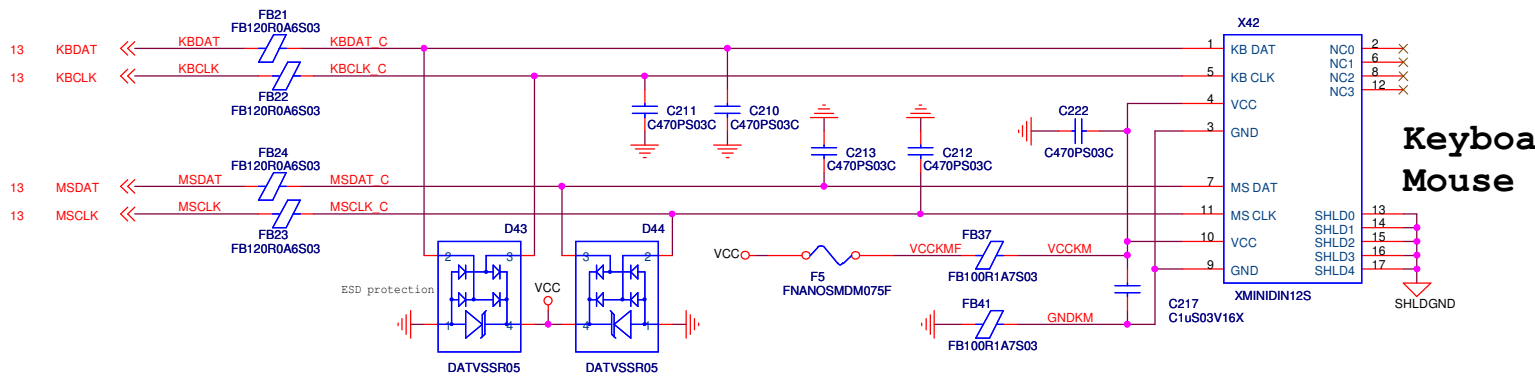
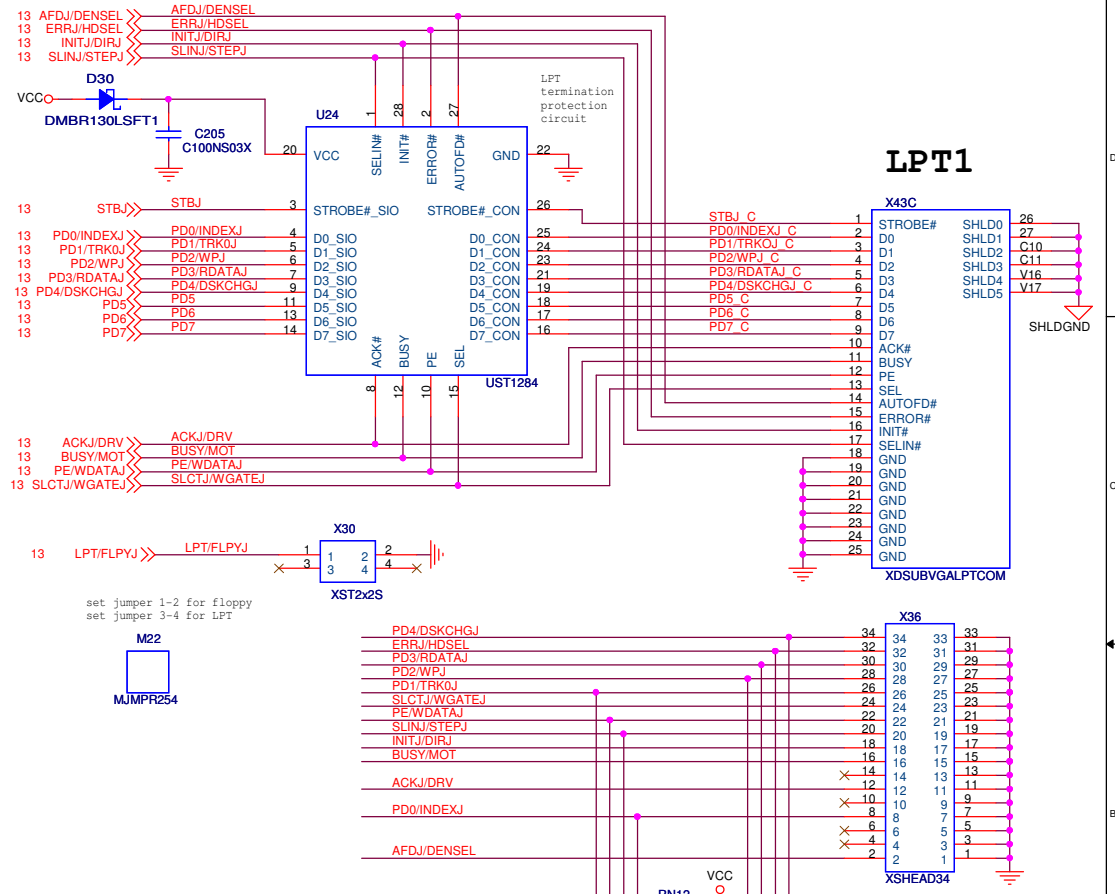
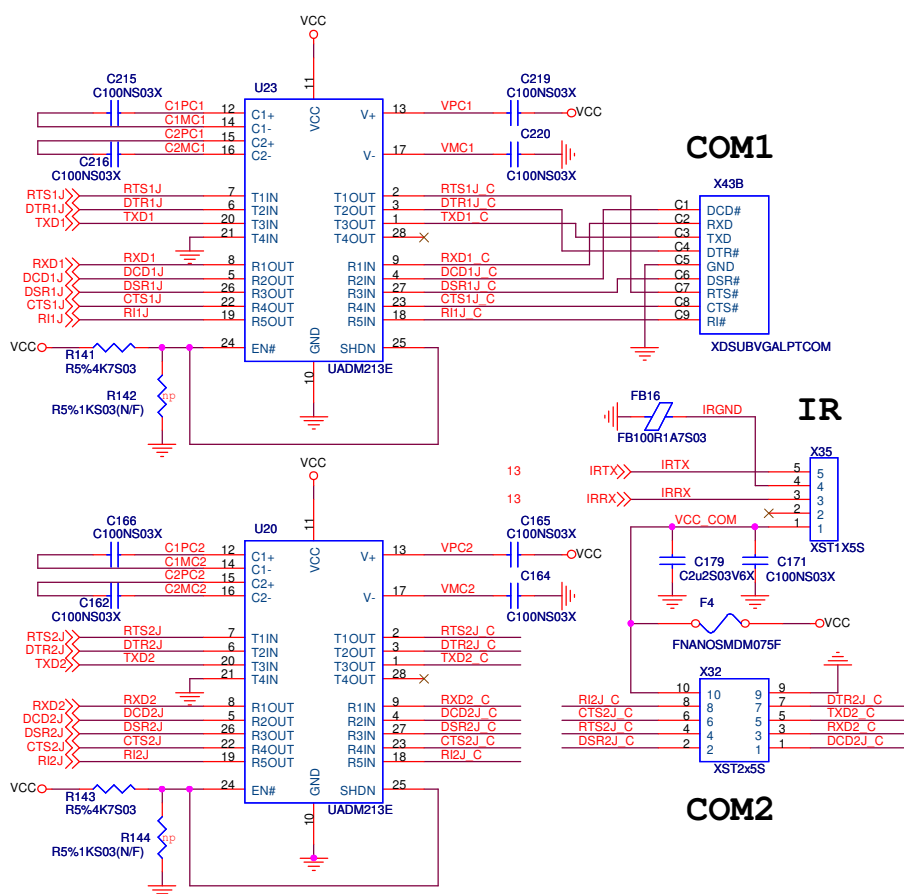
ETX Connector X3
VGA LCD TV / LPT COM / FLPY / KB MS



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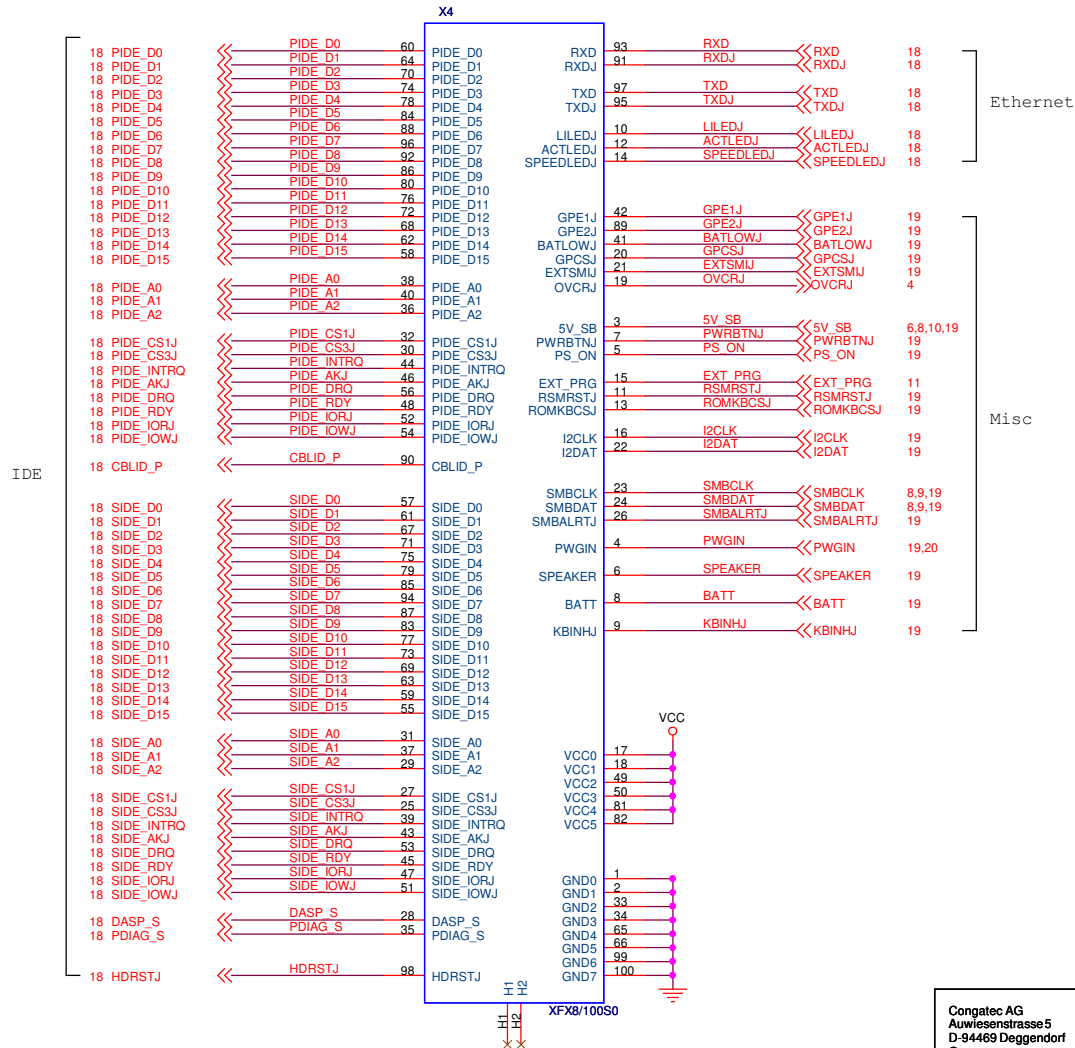
Title VGA TV			
Size B	Document Number PEVASA0	Created HMA	Rev A.0
Date: Wednesday, April 05, 2006	Sheet 14	of 21	



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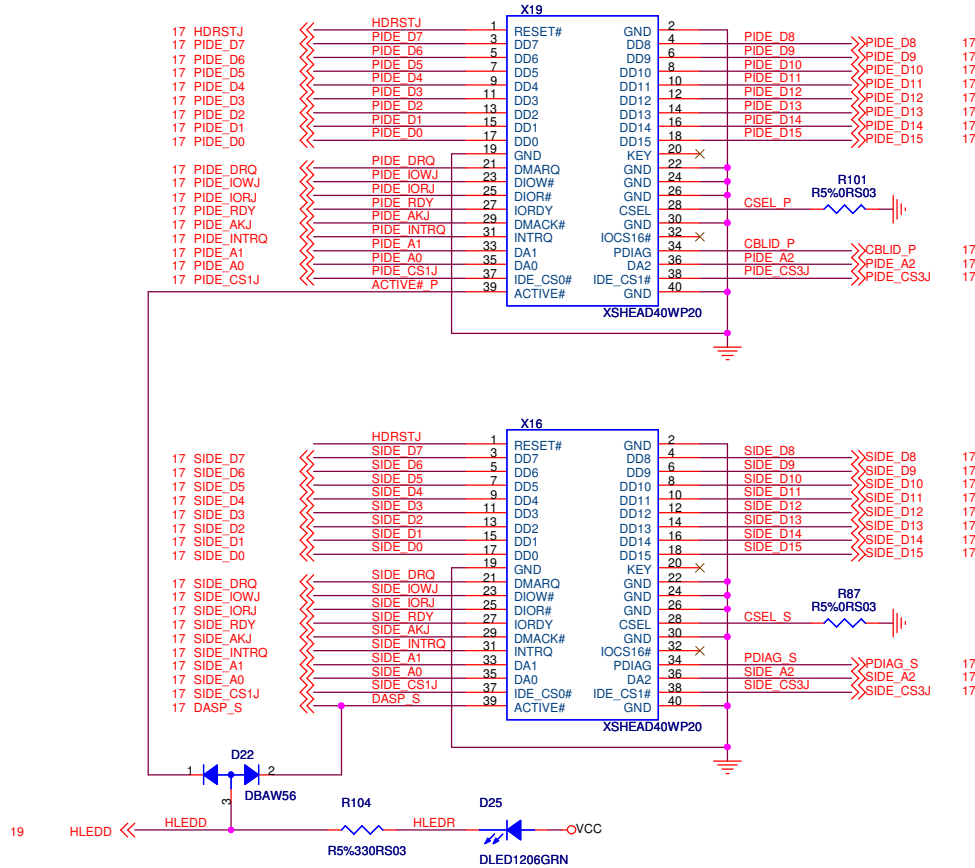
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Title LPT COM FLPY KB MS			
Size B	Document Number PEVASA0	Created HMA	Rev A.0
Date: Wednesday, April 05, 2006	Sheet 15	of 21	

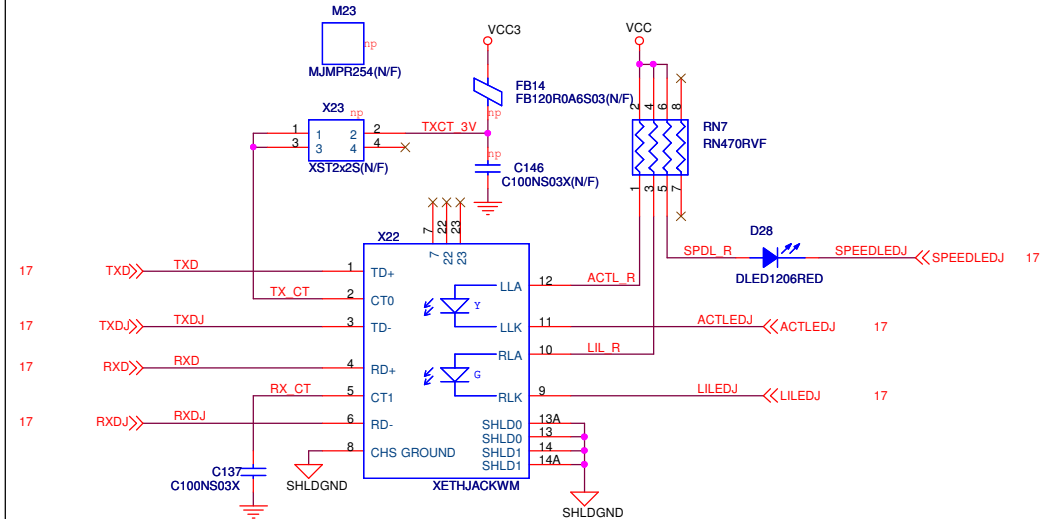


ETX Connector X4
IDE / Ethernet / Misc

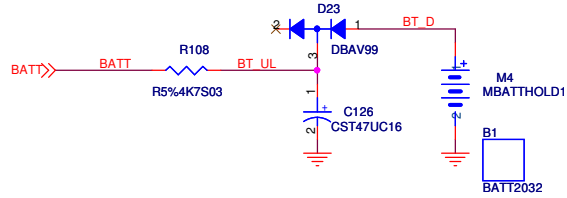
IDE



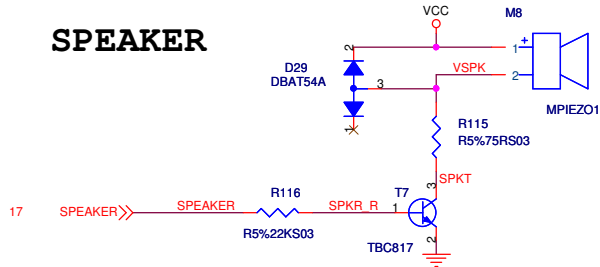
Ethernet



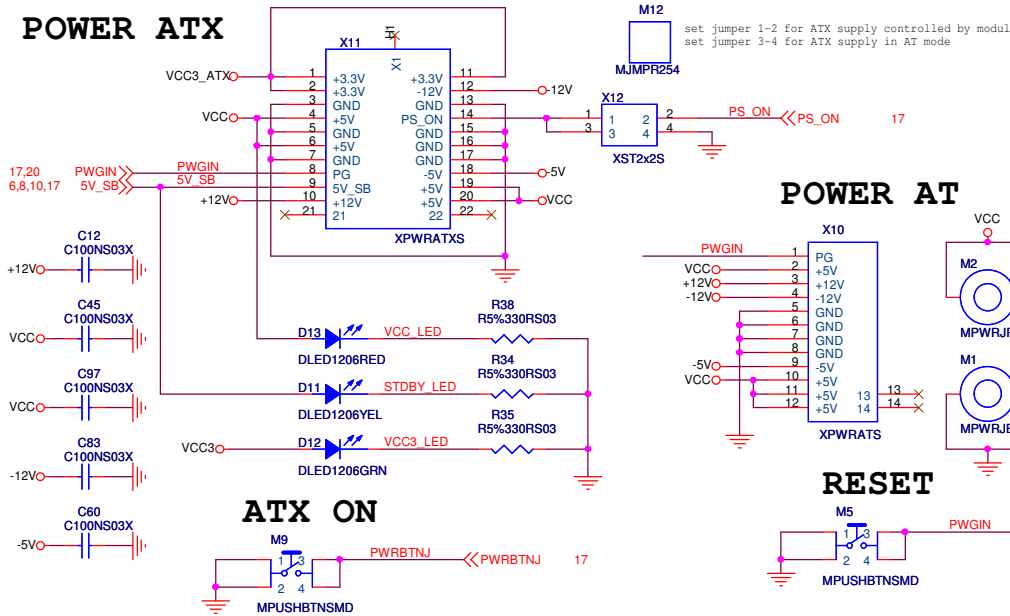
BATTERY



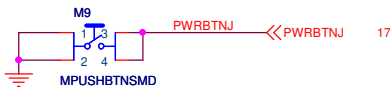
SPEAKER



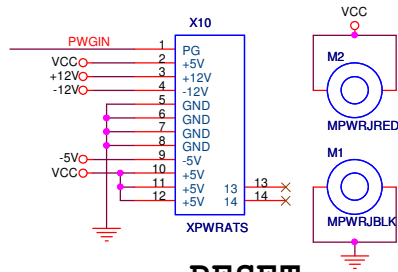
POWER ATX



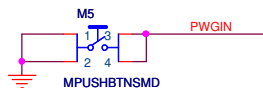
ATX ON



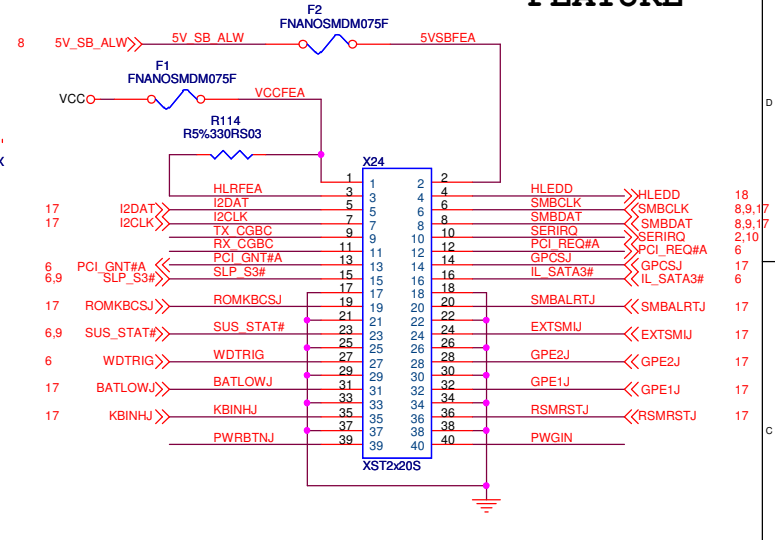
POWER AT



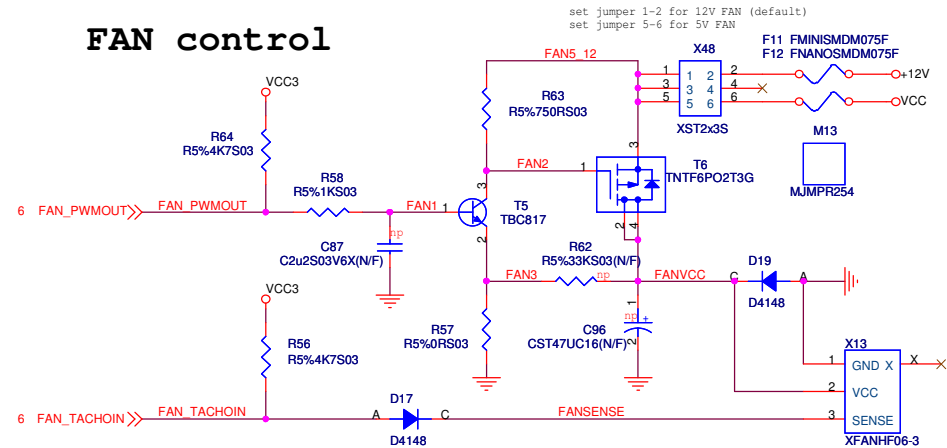
RESET



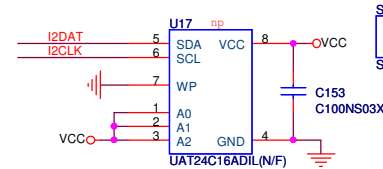
FEATURE



FAN control



I2C Eeprom



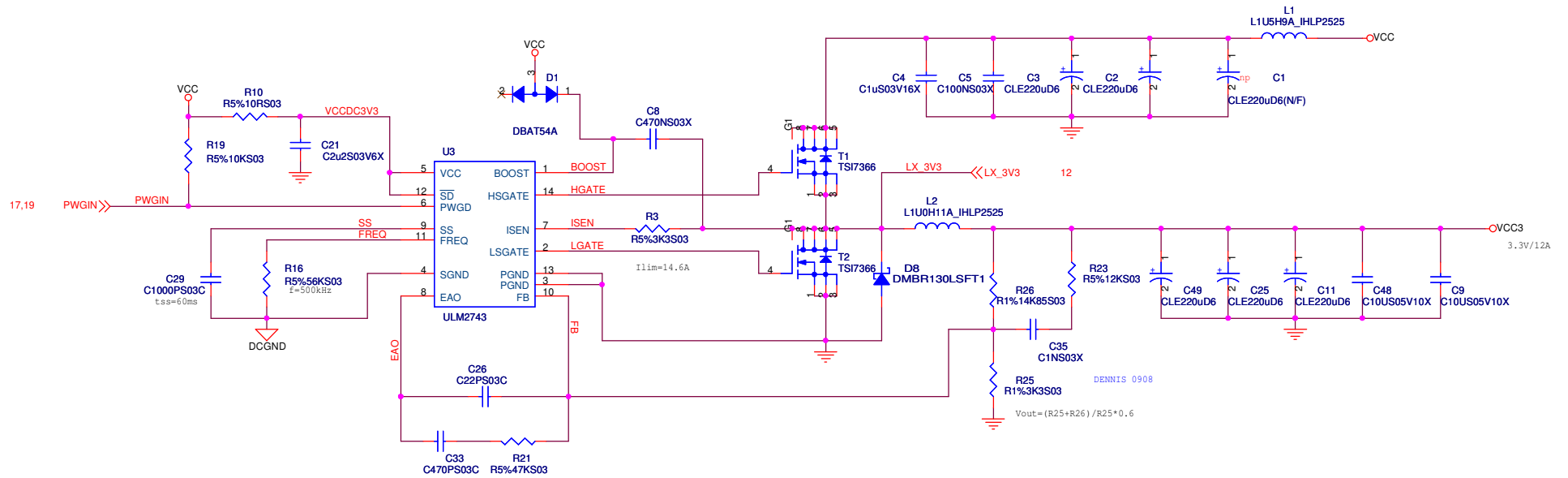
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Title
PWR BATT SPK Feature FAN

Size B Document Number PEVASA0 Created HMA Rev A.0

Date: Wednesday, April 05, 2006 Sheet 19 of 21



Revision History

Rev. X.0	26.01.05	HMA	0	design created
Rev. X.1	??.??.05	DWG	all	corrected some footprints in PCB
			4	added resistors to use different versions of USB power switches
			8	corrected GND of C82
			10	added resistor to use different versions of serial transmitters
			14	modified pinout of X44
			15	added resistor to use different versions of serial transmitters
			19	added resistor to use different versions of serial transmitters
Rev. A.0	23.05.05	HMA	1	mounting holes for XDVI
			5	exchanged 9536 by 9572 due to complex logic
			6	added resistor jumpers to seperate EXCx_RST# signals
			9	modified ExpressCard Pinout
			10	added optional LPC bus connector for logic analyser
			11	changed connection of D15 to identify S2 as second boot device
				added flashes for BOM reference
			12	changed AC_SDIN0 to AC_SDIN2 on external AC97 codec
			16	new Page; moved LCD interface from page 14 and completly revised
			19	enable of U18 connected to 5V standby
				changed fan voltage connector to prevent shortage (5V/12V) and added fuses for UL
			all	changed some components values