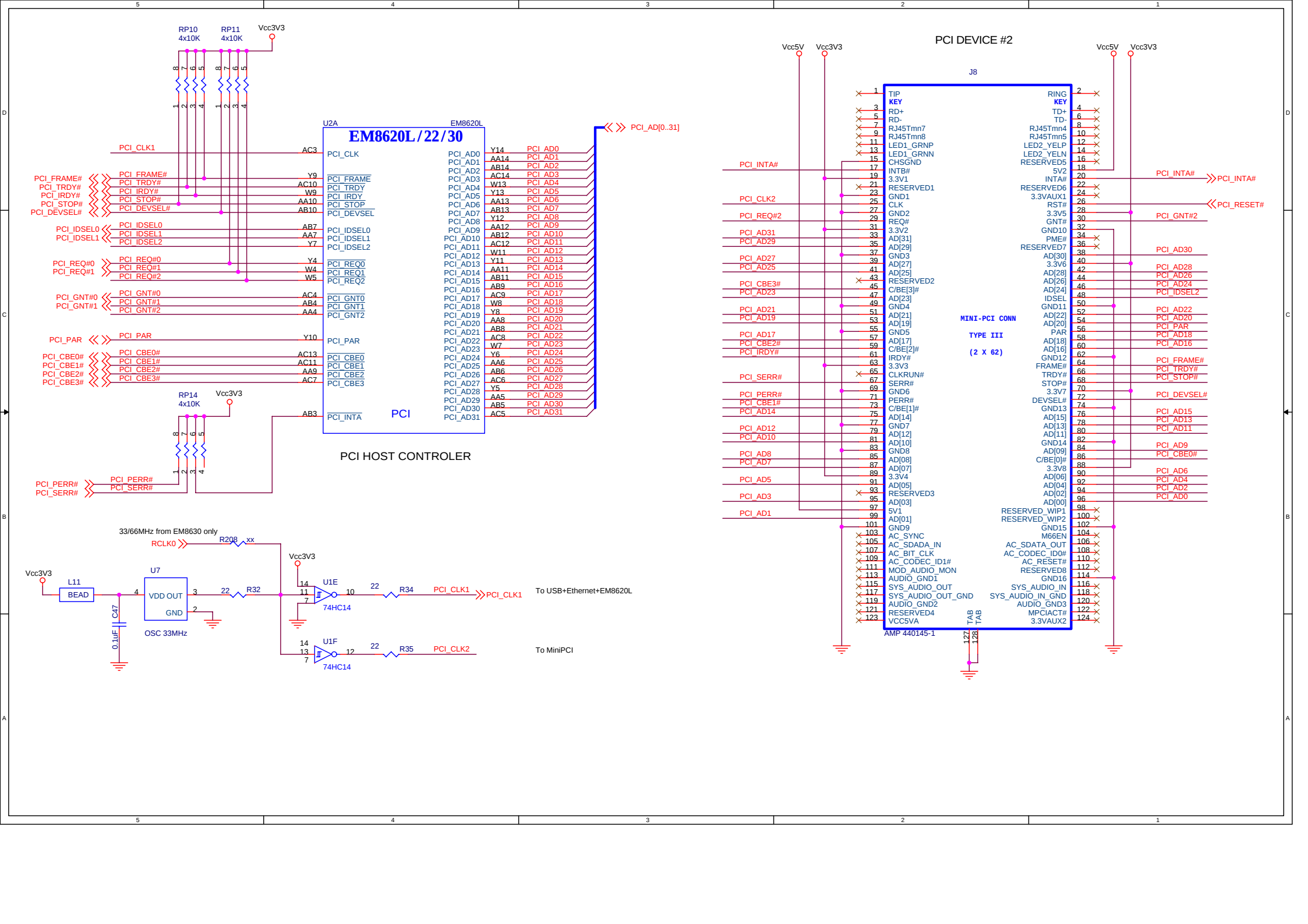
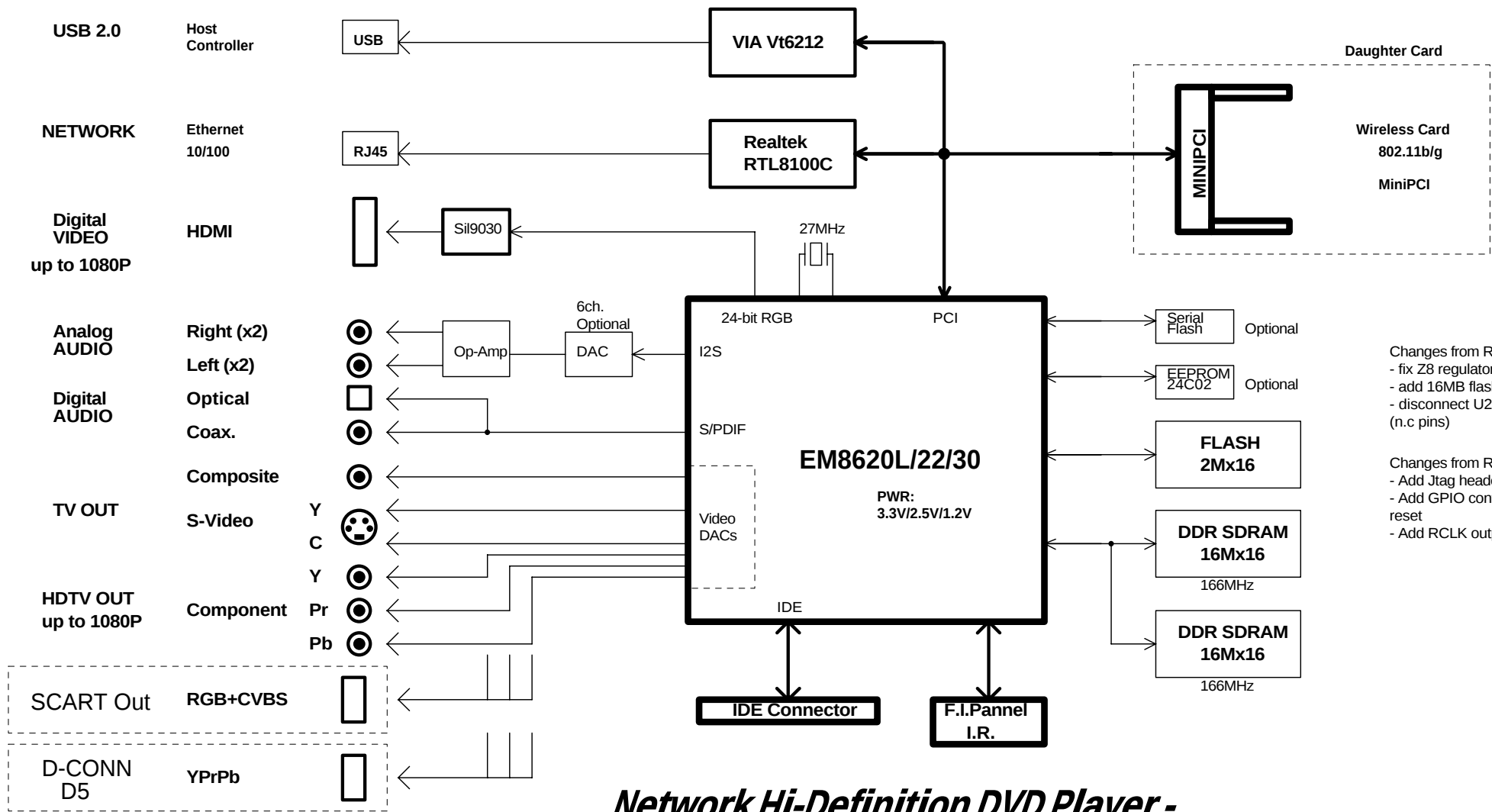






Changes from Rev A1 to Rev A2:
- fix Z8 regulator issue
- add 16MB flash support
- disconnect U2 pin W2 & W3 (n.c pins)

Changes from Rev A2 to Rev A3:
- Add Jtag header for 8630
- Add GPIO control for PCI/IDE reset
- Add RCLK outputs for 8630

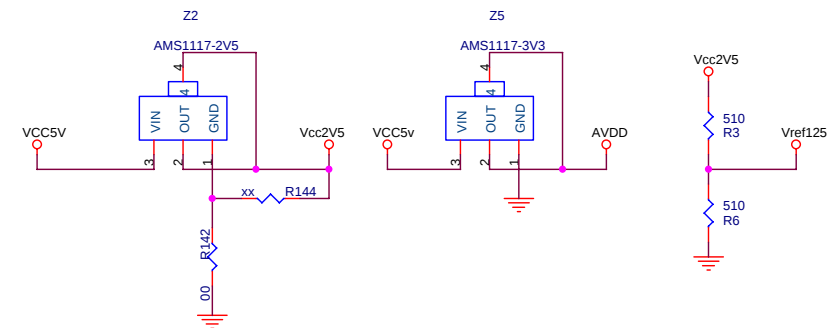
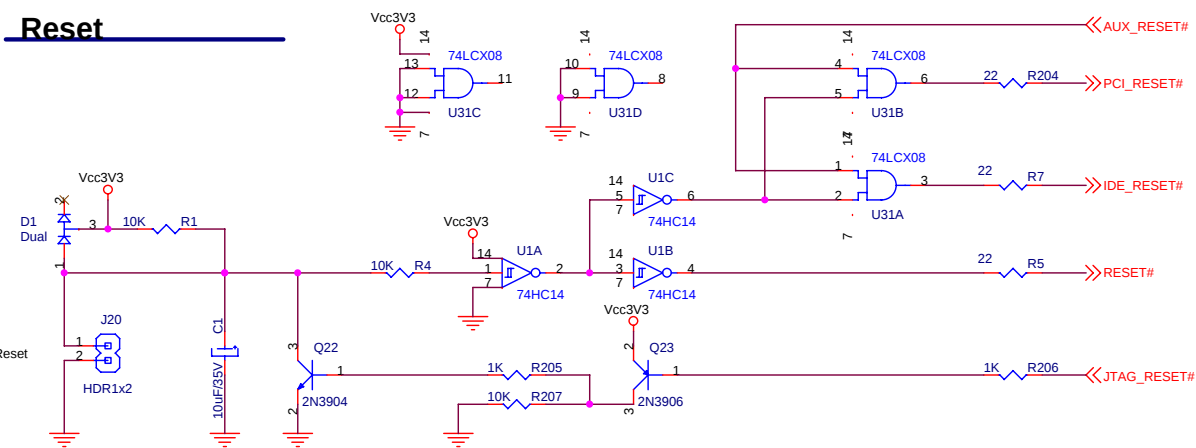
Network Hi-Definition DVD Player - EZ500/22/30 HDMI

MPEG1-2-4/WMV9/H.264 HD DVD Player
Optional:
- Network
- USB Host
- Wireless

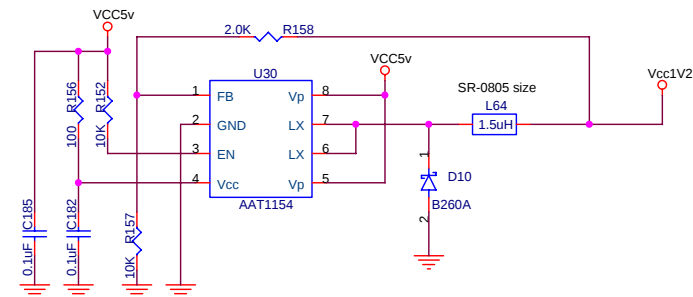
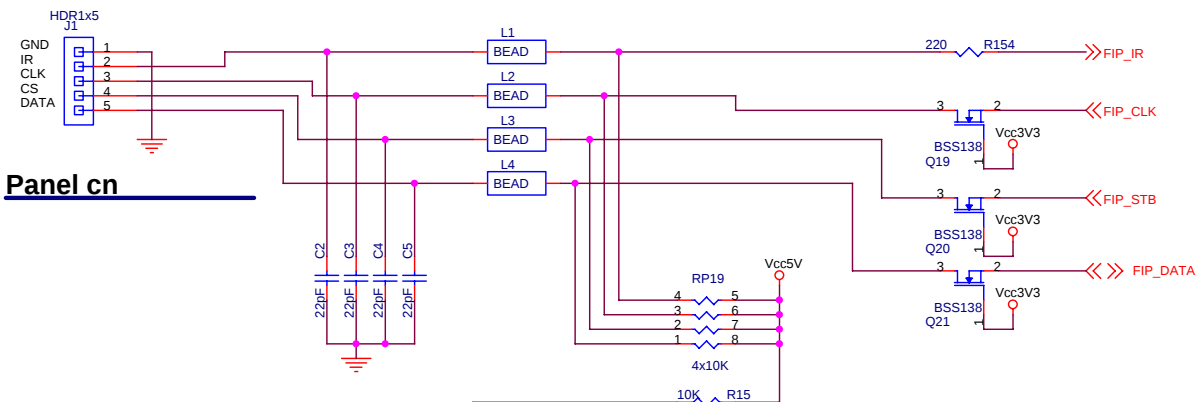
825 rev A3

SIGMA DESIGNS
CONFIDENTIAL

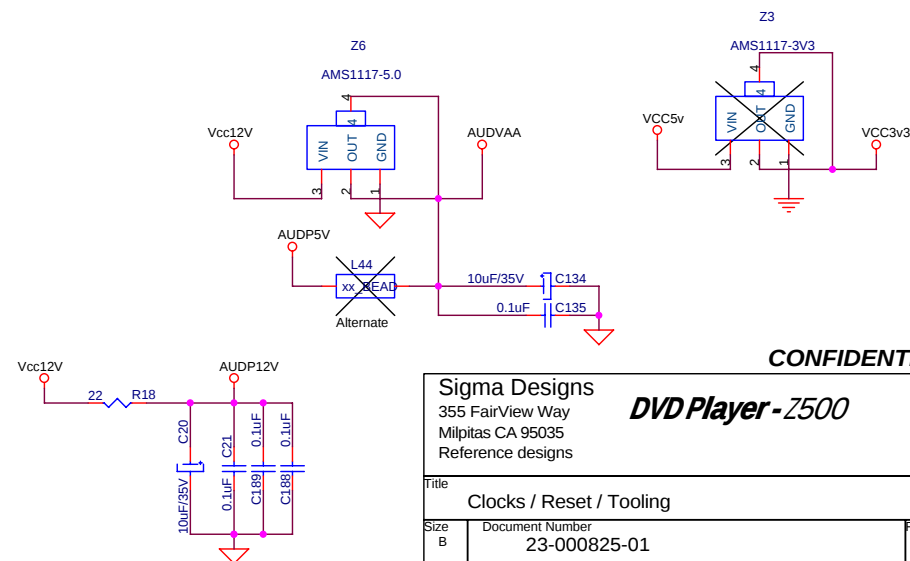
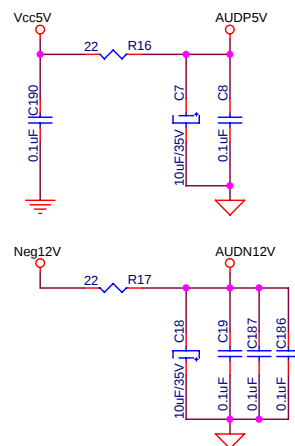
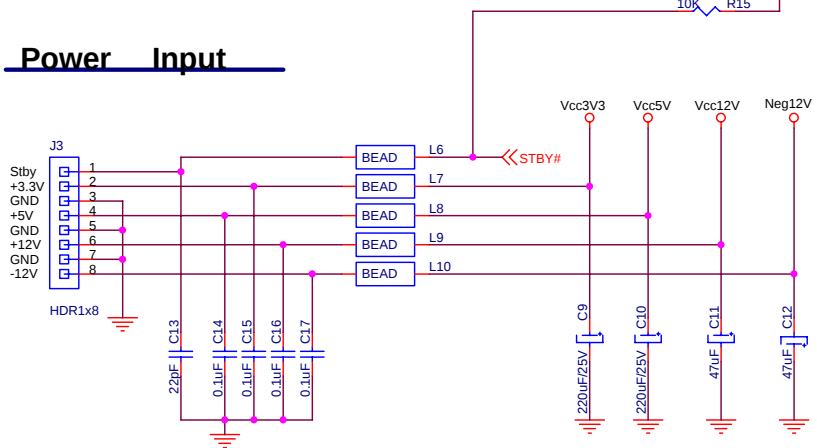
Reset



Panel cn



Power Input



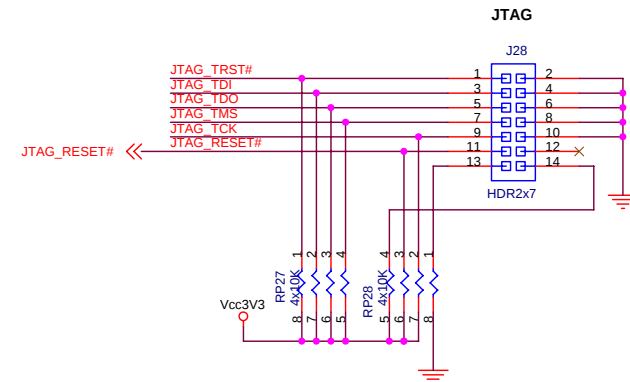
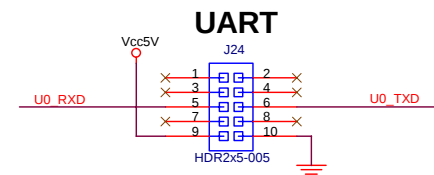
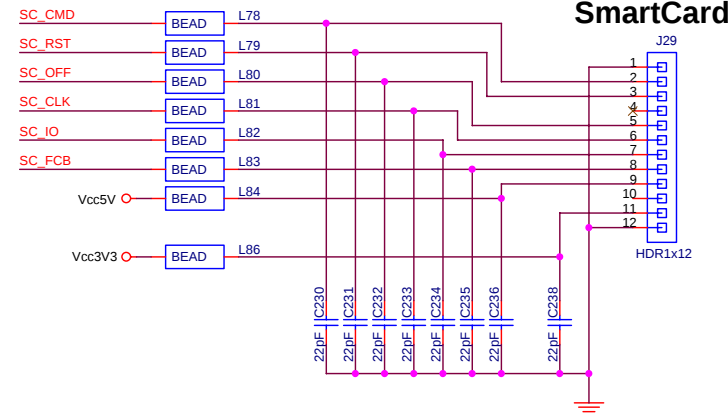
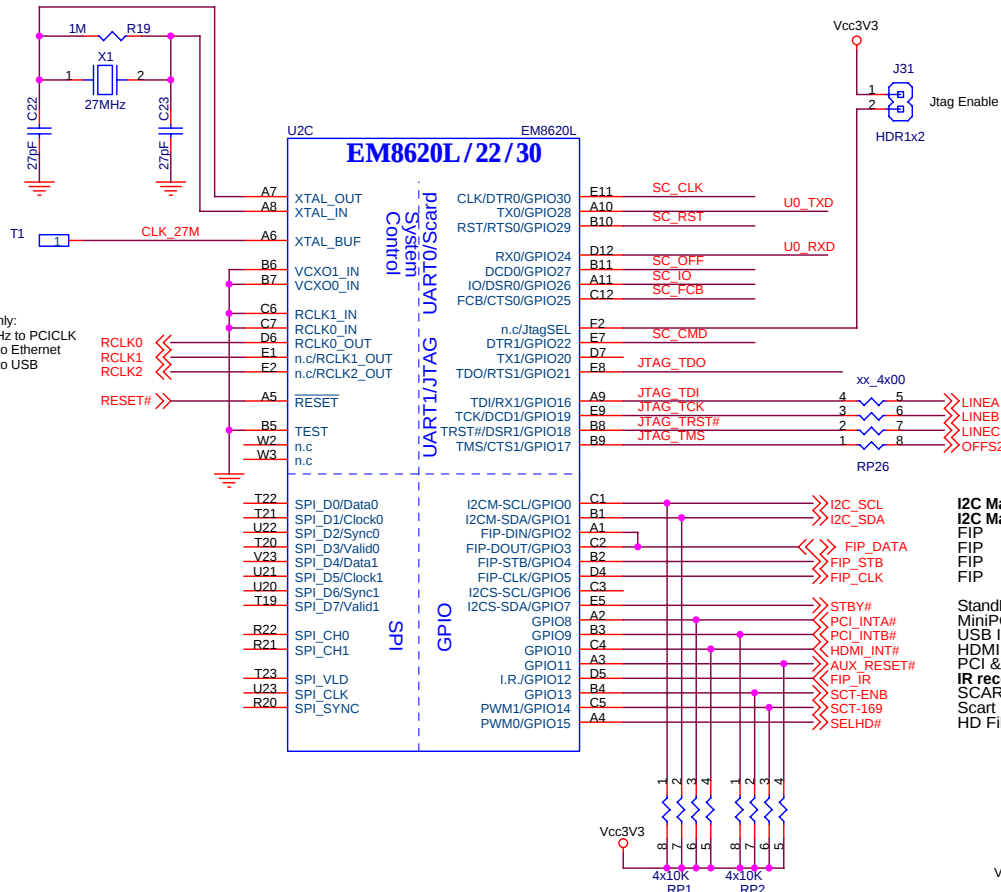
CONFIDENTIAL

Sigma Designs
355 FairView Way
Milpitas CA 95035
Reference designs

Title			
Clocks / Reset / Tooling			
Size B	Document Number 23-000825-01		Rev A3
Date:	Saturday, May 14, 2005	Sheet	2 of 14

CONFIDENTIAL

EM8630 only:
33/66MHz to PCICLK
25MHz to Ethernet
24MHz to USB

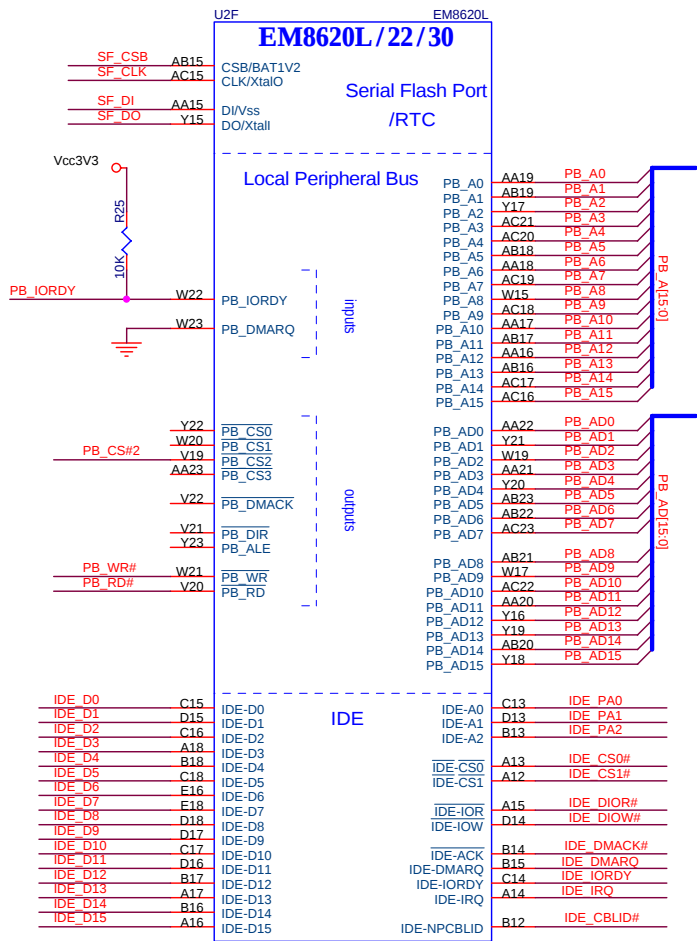


CONFIDENTIAL

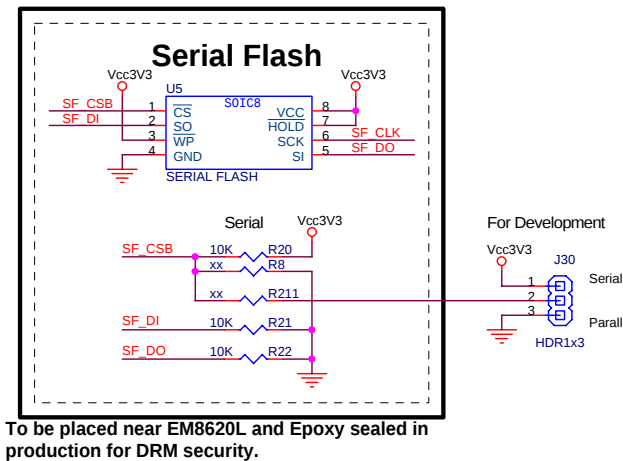
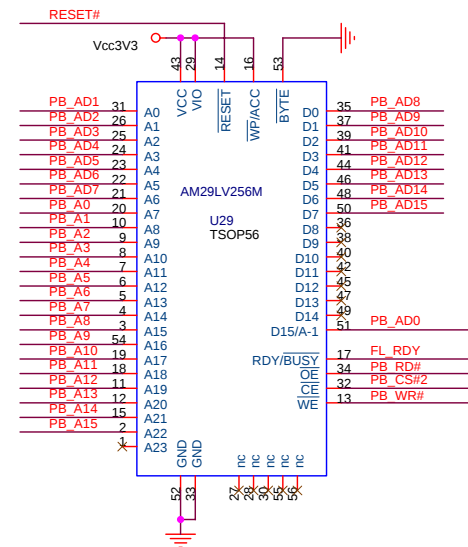
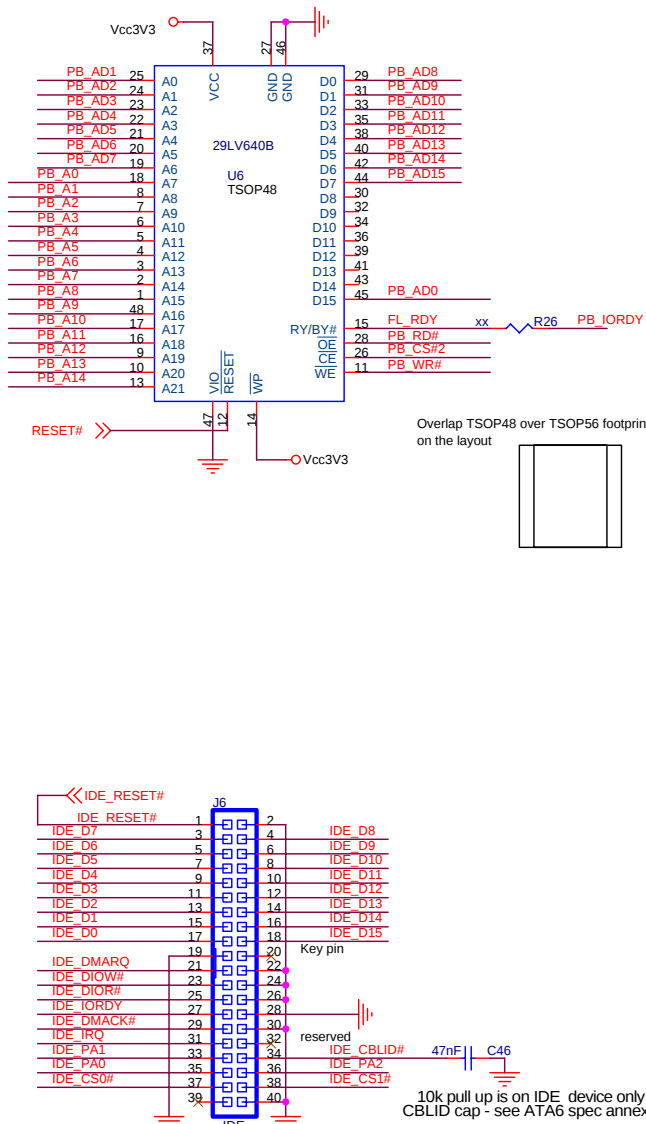
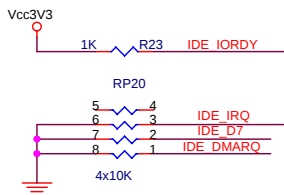
Sigma Designs
355 FairView Way
Milpitas CA 95035
Reference designs

DVD Player - EZ500

Title		
Main I/Os		
Size	Document Number	Rev
B	23-000825-01	A3
Date:	Saturday, May 14, 2005	Sheet 3 of 14



IDE UDMA



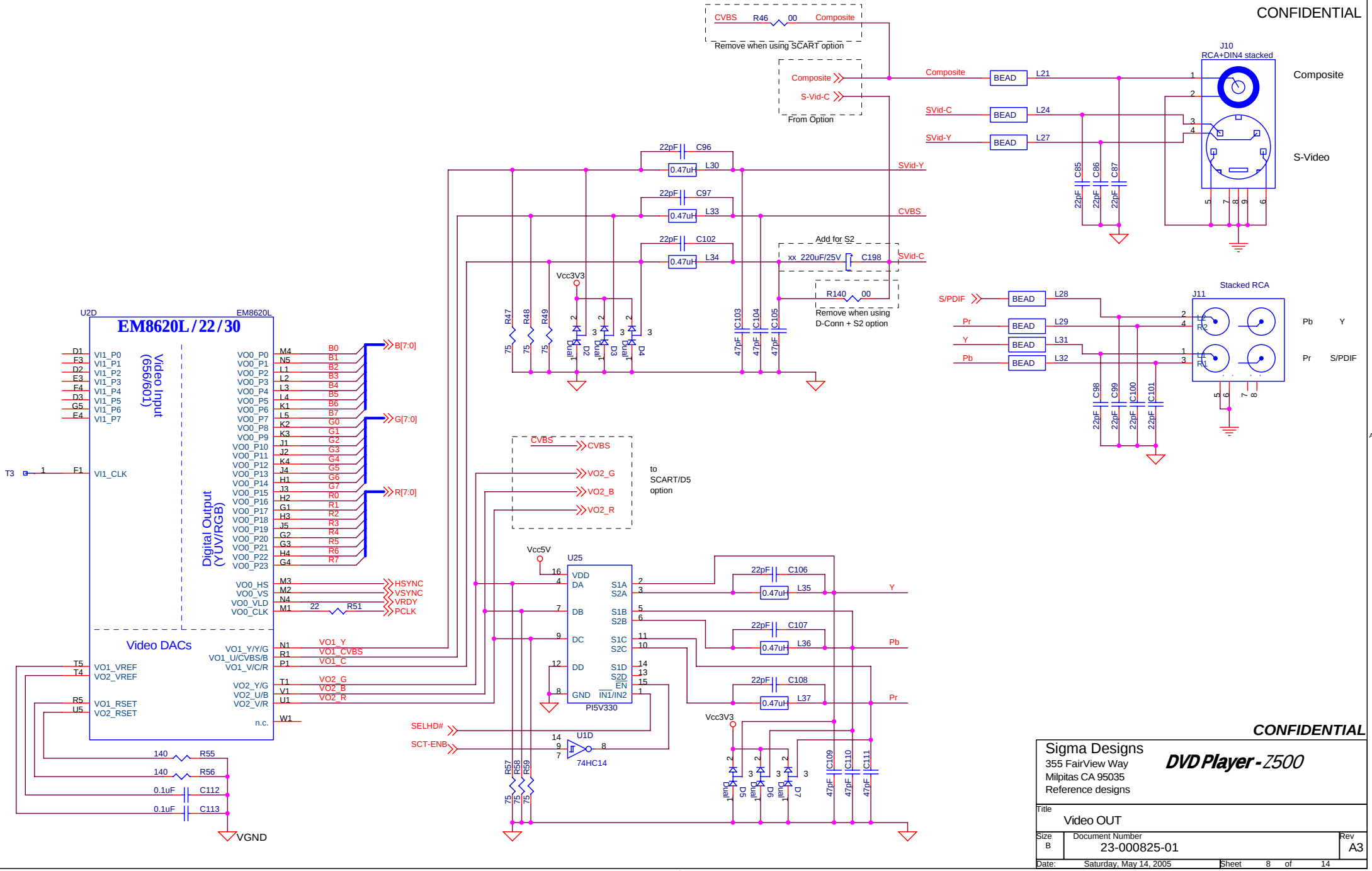
To be placed near EM8620L and Epoxy sealed in production for DRM security.

CONFIDENTIAL

Sigma Designs
355 FairView Way
Milpitas CA 95035
Reference designs

DVD Player - Z500

Flash & IDE		
Size B	Document Number	Rev
	23-000825-01	A3
Date:	Saturday, May 14, 2005	Sheet 5 of 14



CONFIDENTIAL

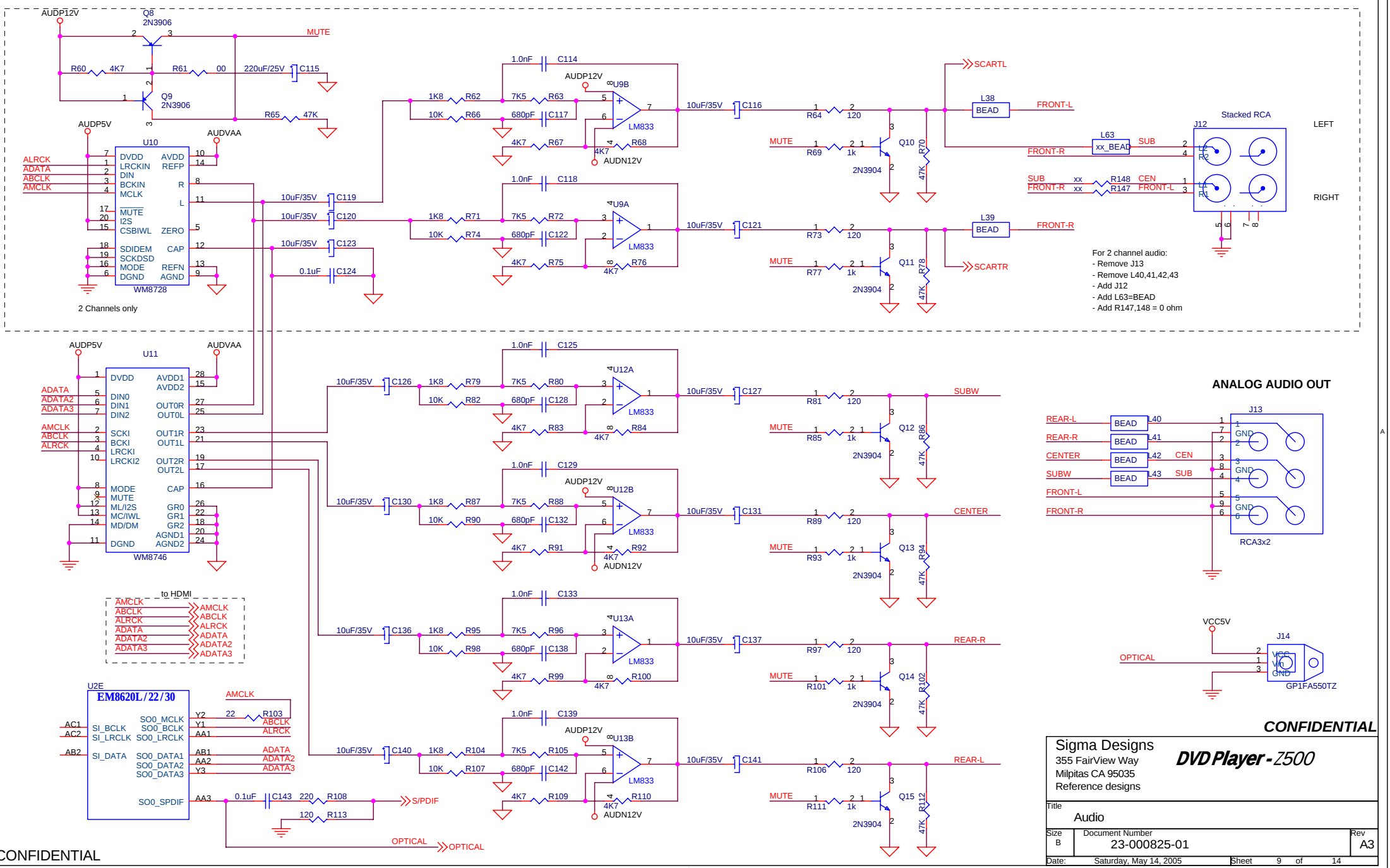
Sigma Designs
355 FairView Way
Milpitas CA 95035
Reference designs

DVD Player - Z500

Title: Video OUT

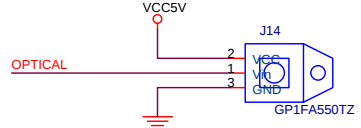
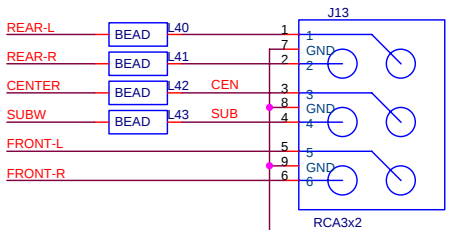
Size B	Document Number 23-000825-01	Rev A3
--------	---------------------------------	-----------

Date: Saturday, May 14, 2005 Sheet 8 of 14



For 2 channel audio:
- Remove J13
- Remove L40,41,42,43
- Add J12
- Add L63=BEAD
- Add R147,148 = 0 ohm

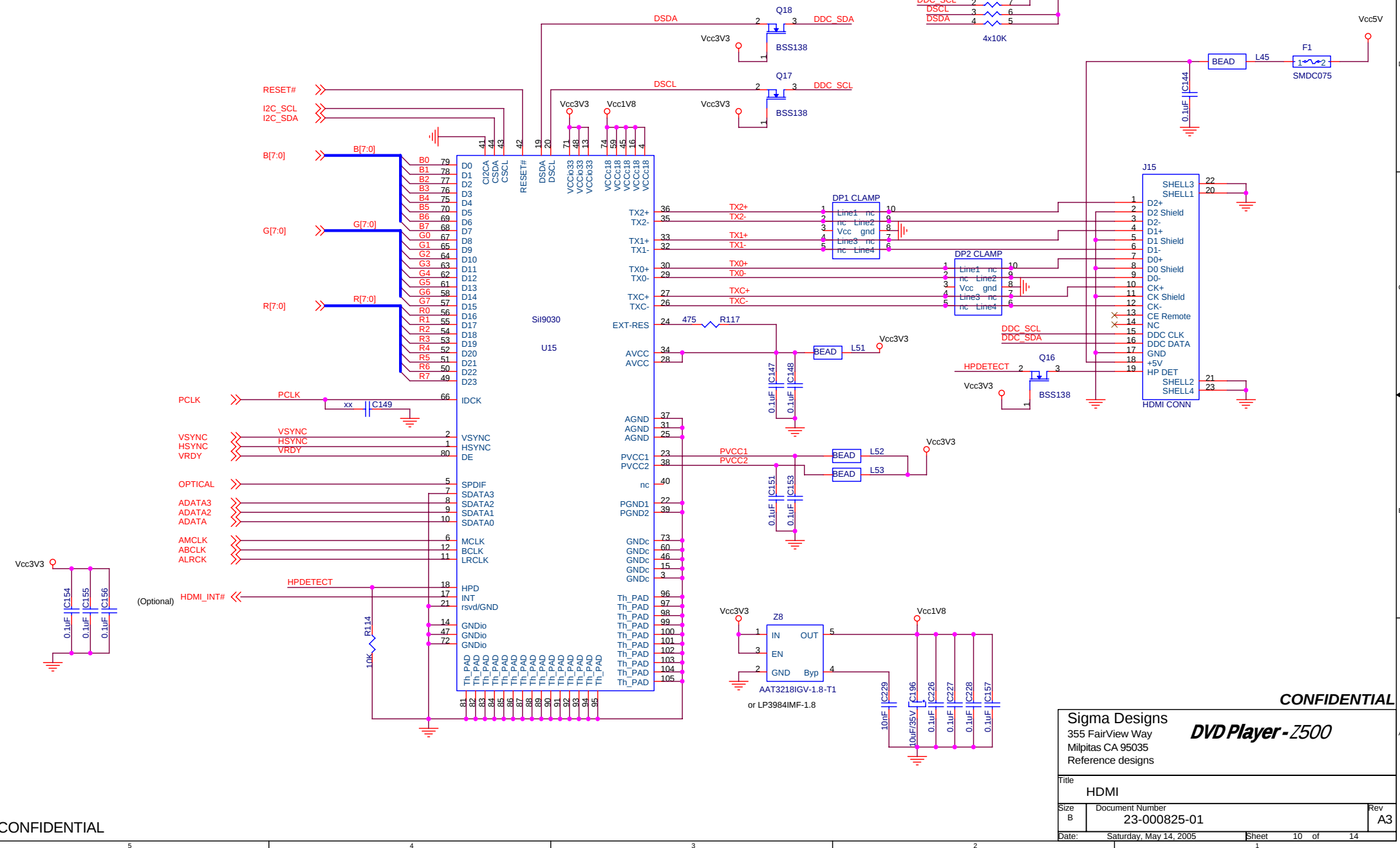
ANALOG AUDIO OUT



CONFIDENTIAL

Sigma Designs 355 FairView Way Milpitas CA 95035 Reference designs		
Title Audio		
Size B	Document Number 23-000825-01	Rev A3
Date: Saturday, May 14, 2005	Sheet 9	of 14

CONFIDENTIAL

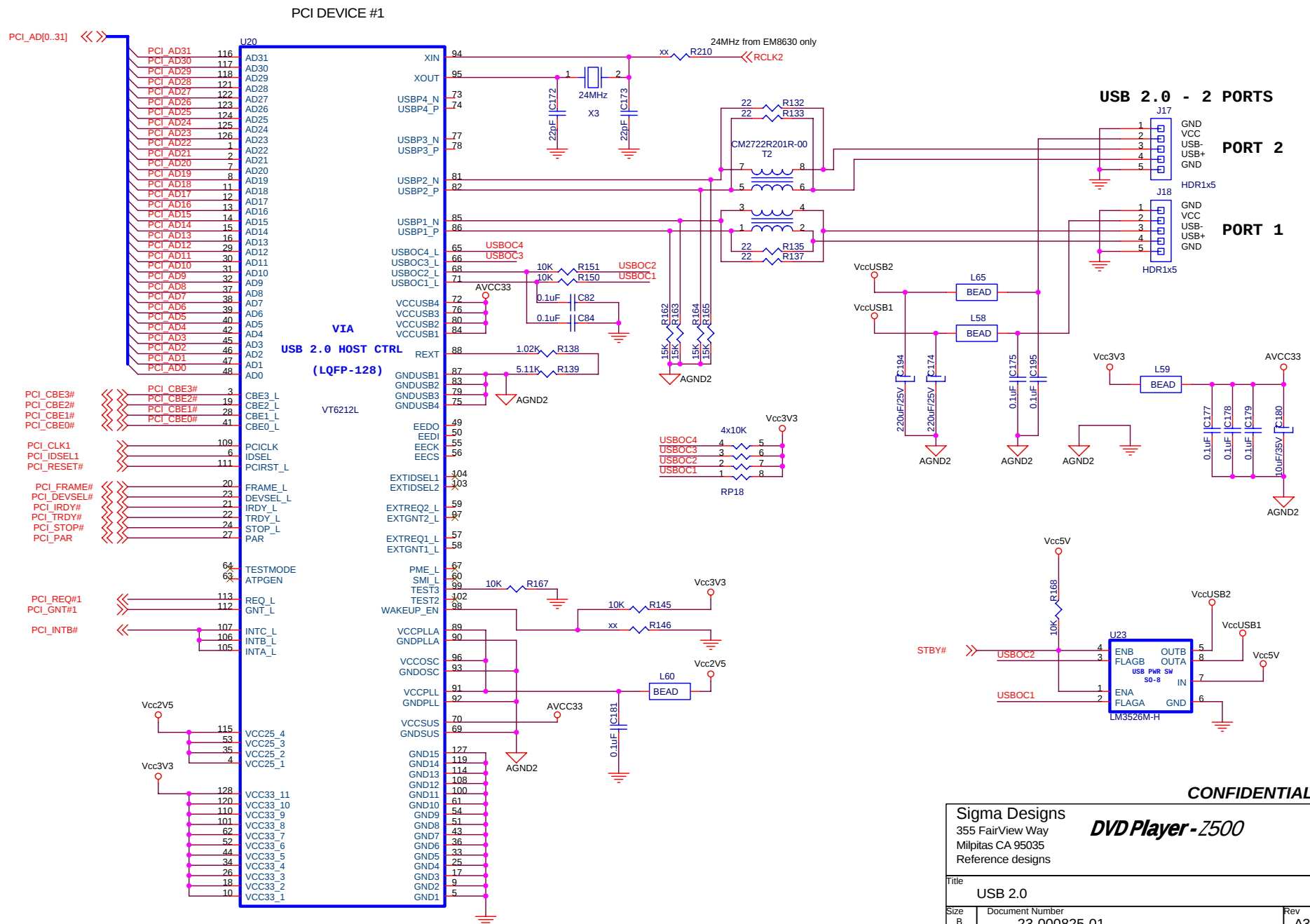


Sigma Designs
355 FairView Way
Milpitas CA 95035
Reference designs

DVD Player - Z500

Title: **HDMI**

Size: B	Document Number: 23-000825-01	Rev: A3
Date: Saturday, May 14, 2005	Sheet: 10	of: 14

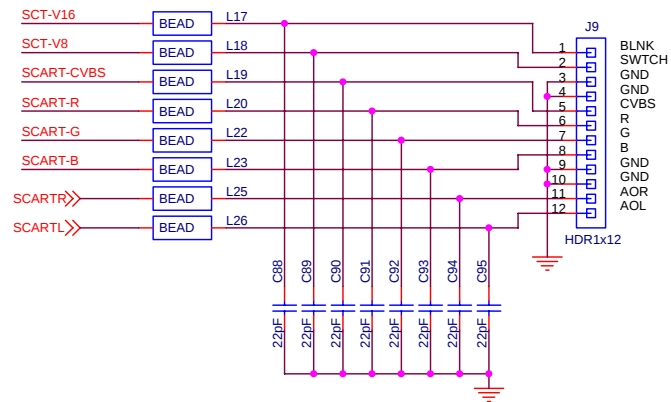
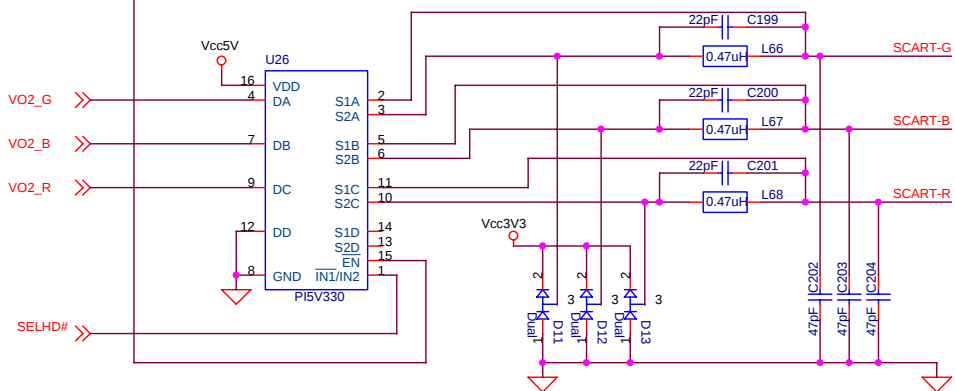
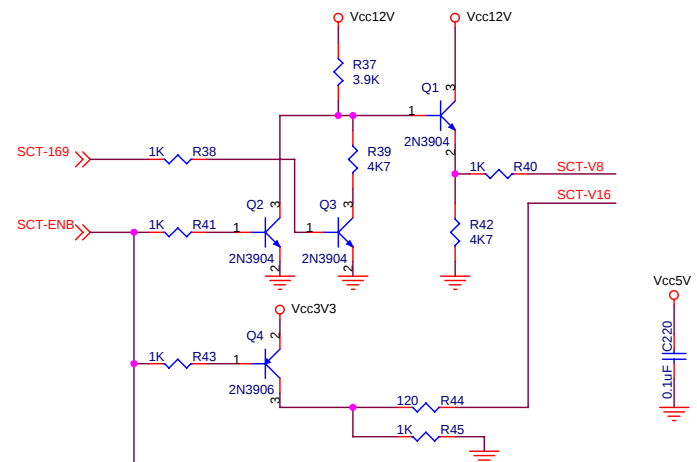
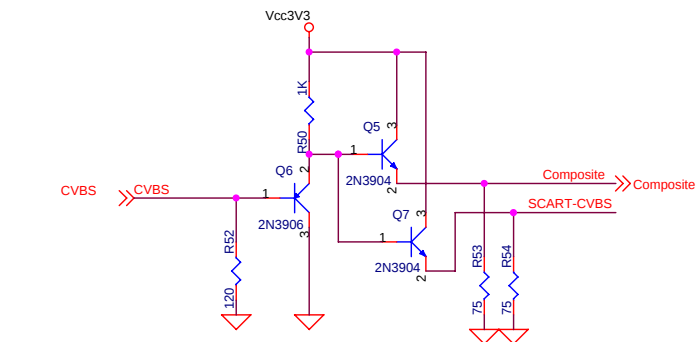


CONFIDENTIAL

Sigma Designs
355 FairView Way
Milpitas CA 95035
Reference designs

DVD Player-Z500

Title			
USB 2.0			
Size	Document Number	Rev	
B	23-000825-01	A3	
Date:	Saturday, May 14, 2005	Sheet	12 of 14



CONFIDENTIAL

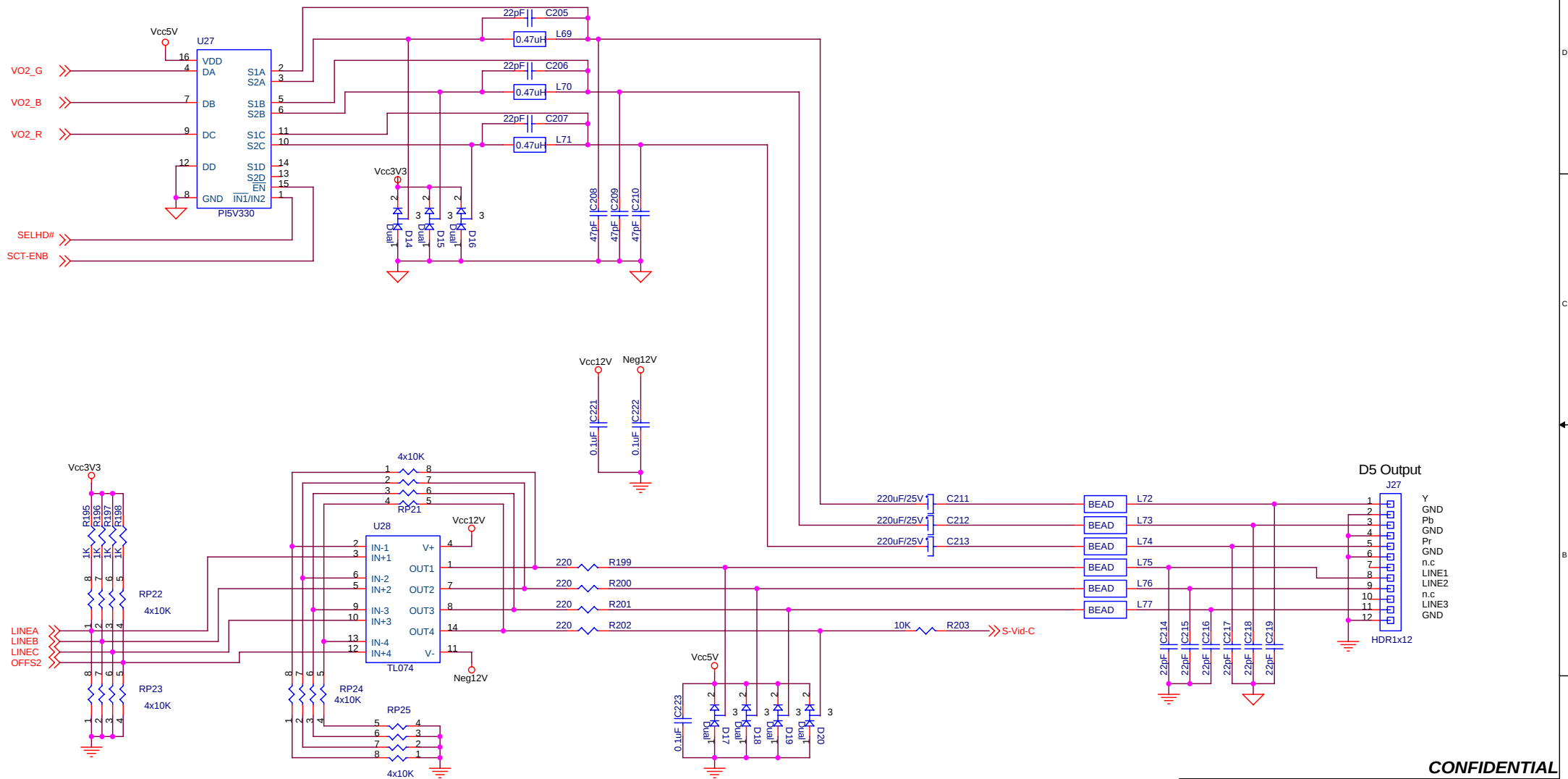
Sigma Designs
355 FairView Way
Milpitas CA 95035
Reference designs

DVD Player - Z500

Title: SCART Option

Size B	Document Number 23-000825-01	Rev A3
--------	---------------------------------	-----------

Date: Saturday, May 14, 2005 Sheet 13 of 14



CONFIDENTIAL

Sigma Designs 355 FairView Way Milpitas CA 95035 Reference designs		<i>DVD Player - EZ500</i>	
Title D-Conn D5 Option			
Size B	Document Number 23-000825-01		Rev A3
Date:	Saturday, May 14, 2005	Sheet	14 of 14