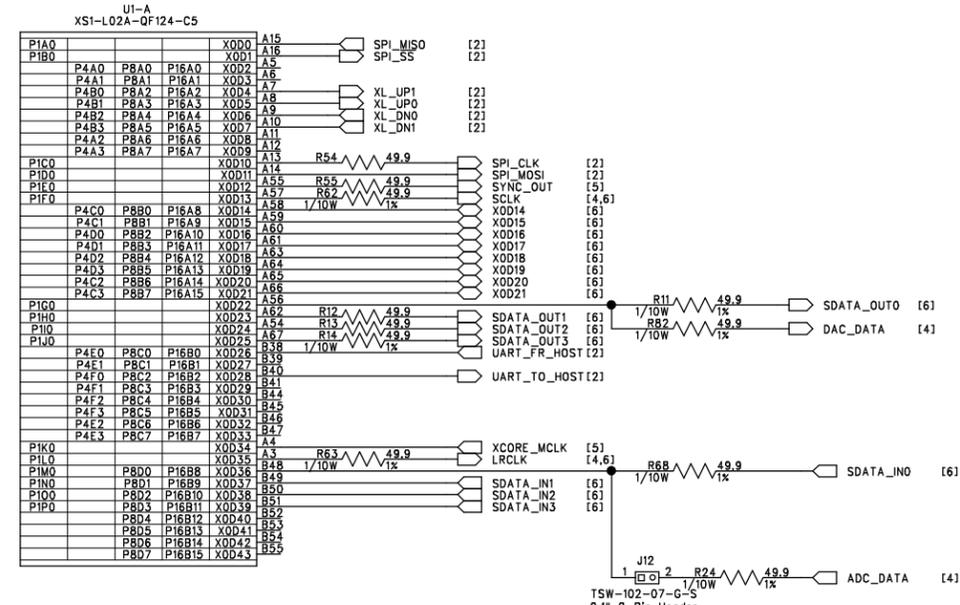


ECO #	REV	DESCRIPTION	INC BY DATE	CHK BY DATE

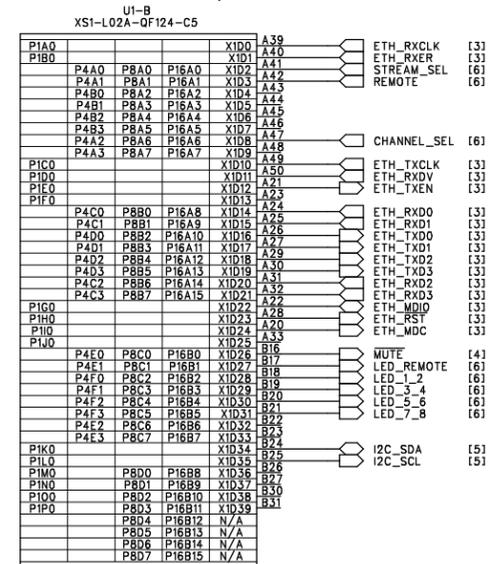
Sheet #	Sheet Title
1	Title Sheet
2	XS1-L2
3	Ethernet
4	Audio Input/Output
5	PLL
6	Switches, LEDs, Headers
7	Power

			
PROJECT TITLE			
XMOS – AVB Demo Board			
SHEET TITLE			
Title Sheet			
PART #		DOC REV	
600-00139-01-B		2.0	
DRAWN BY		ENGINEER	
ALR		ALR	
DATE		SIZE C	
11/30/10		SHEET 1 OF 7	

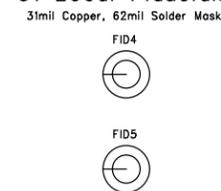
### XS1-L2 XCore0 I/O



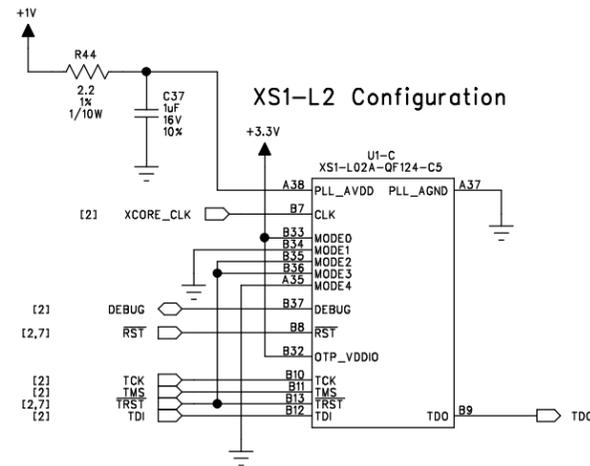
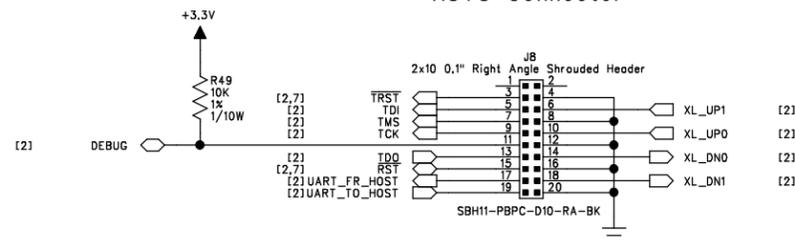
### XS1-L2 XCore1 I/O



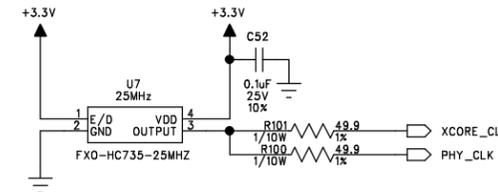
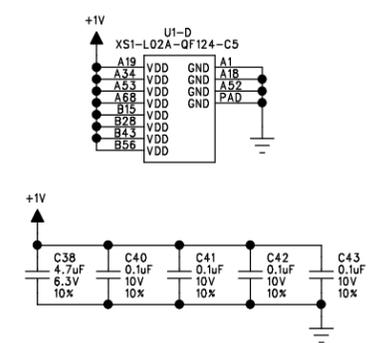
### U1 Local Fiducials



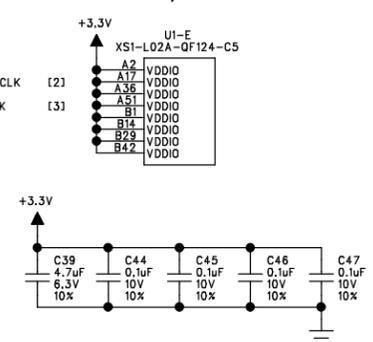
### XSYS Connector



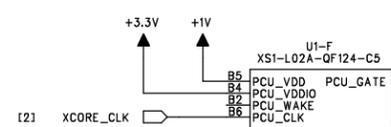
### XS1-L2 Core Power



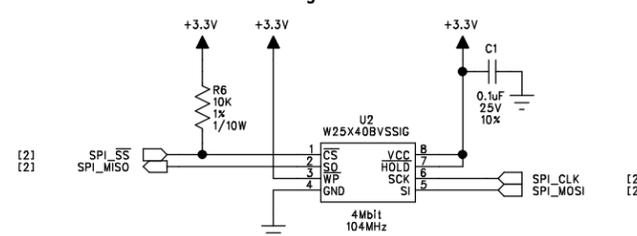
### XS1-L2 I/O Power



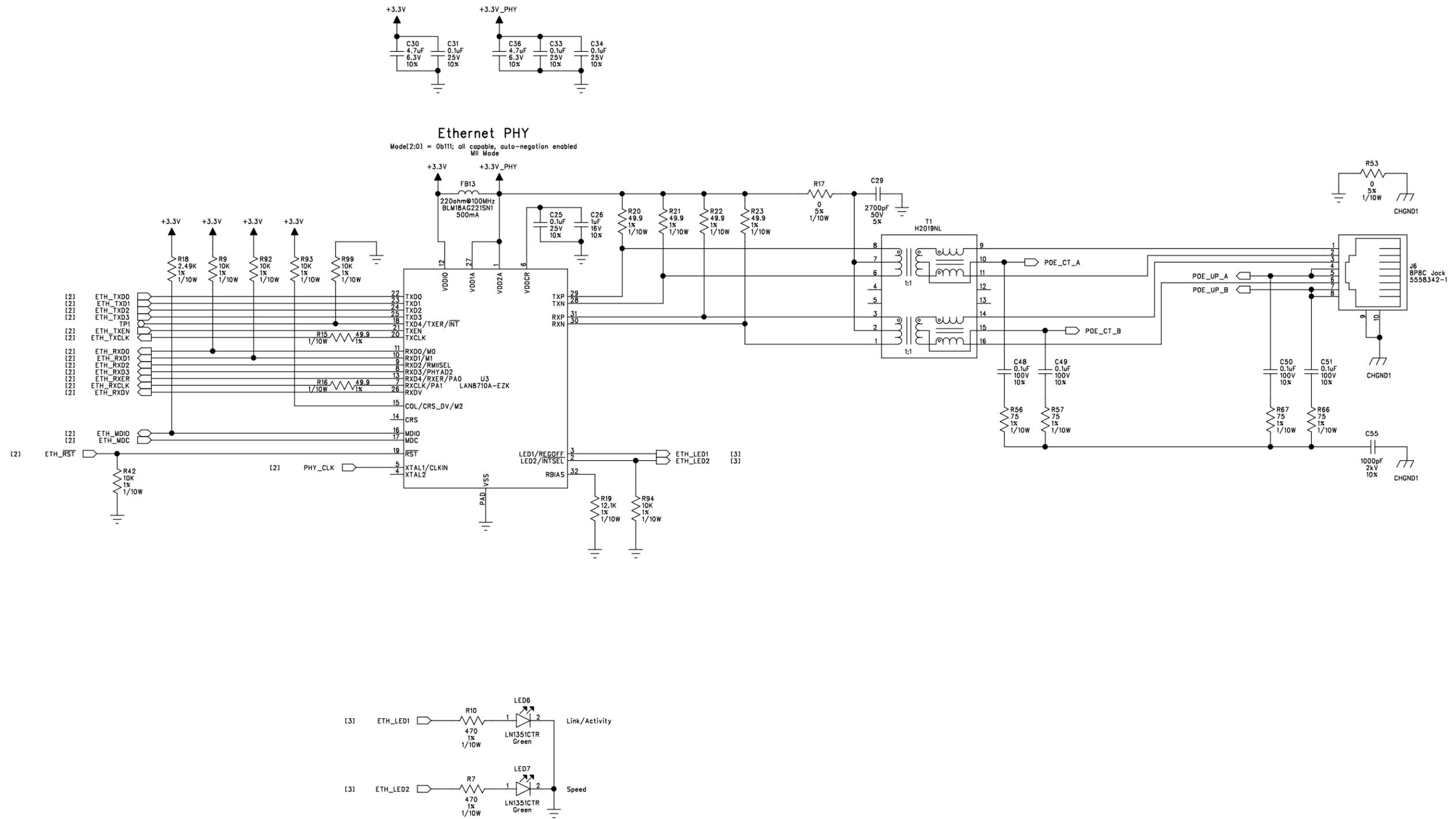
### XS1-L2 Power Control Unit



### 4 Megabit SPI Flash



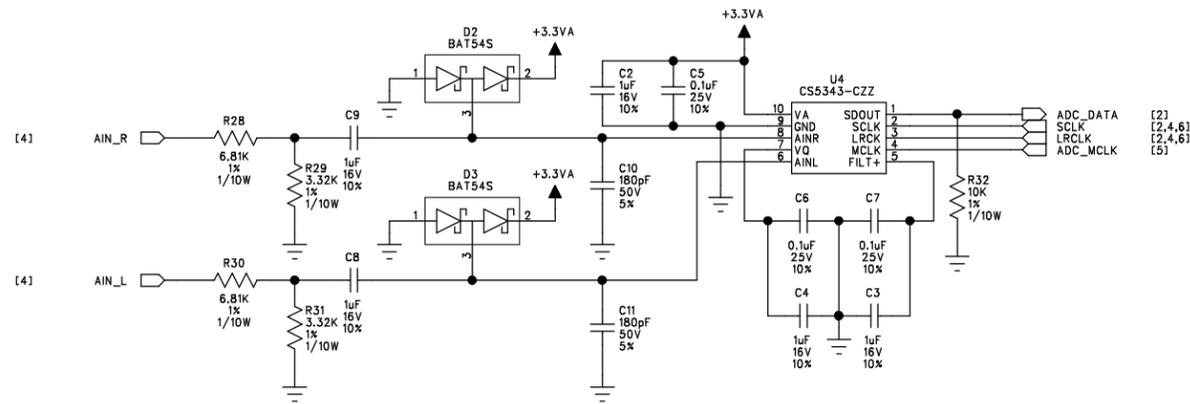
SHEET TITLE		XS1-L2	
PART #		600-00139-01-B	DOC REV 2.0
DRAWN BY		ALR	ENGINEER ALR
DATE		11/30/10	SIZE C SHEET 2 OF 7



SHEET TITLE Ethernet			
PART # 600-00139-01-B		DOC REV 2.0	
DRAWN BY ALR		ENGINEER ALR	
DATE 11/30/10		SIZE C SHEET 3 OF 7	

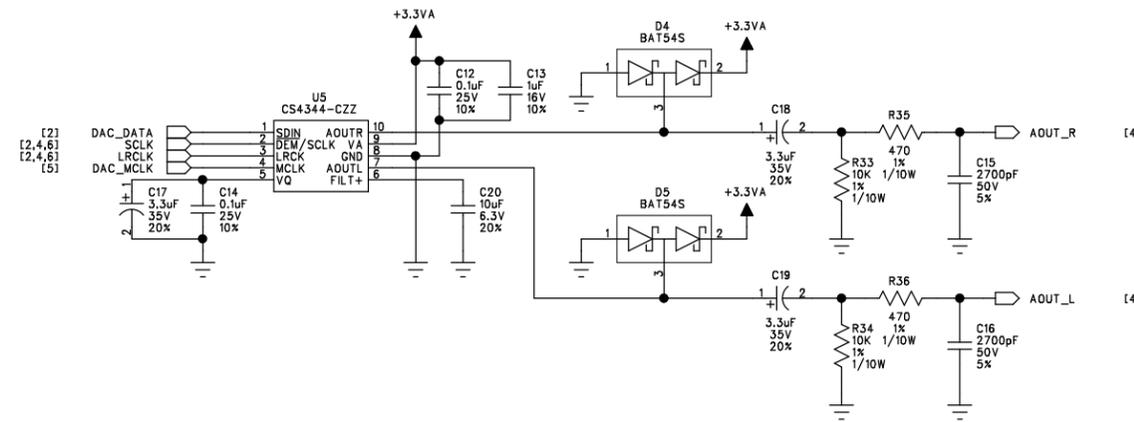
### Stereo 24-bit ADC

I2S Format, Slave Mode

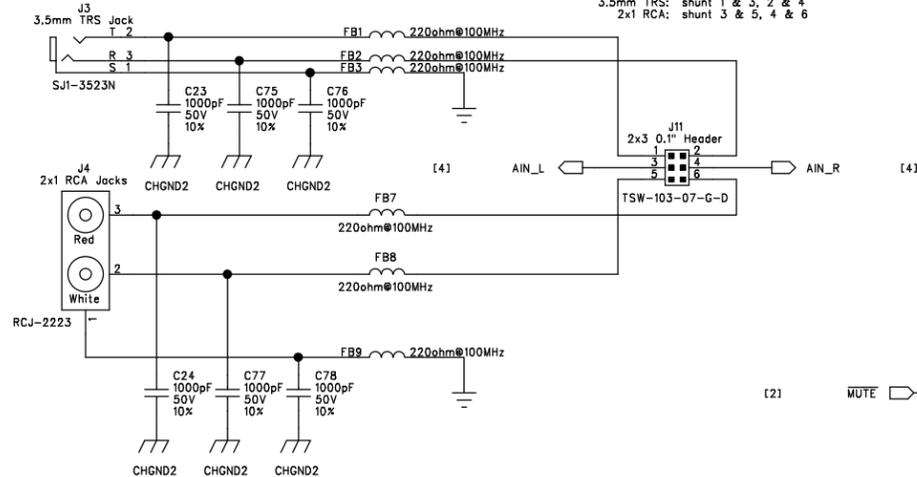


### Stereo 24-bit DAC

I2S Format, Slave Mode

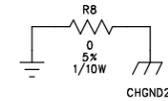


### Stereo Audio Input Jacks

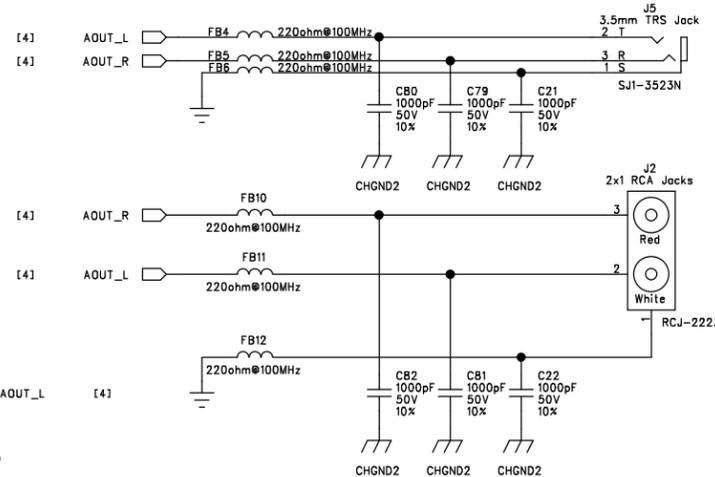


### Input Jack Selection Header

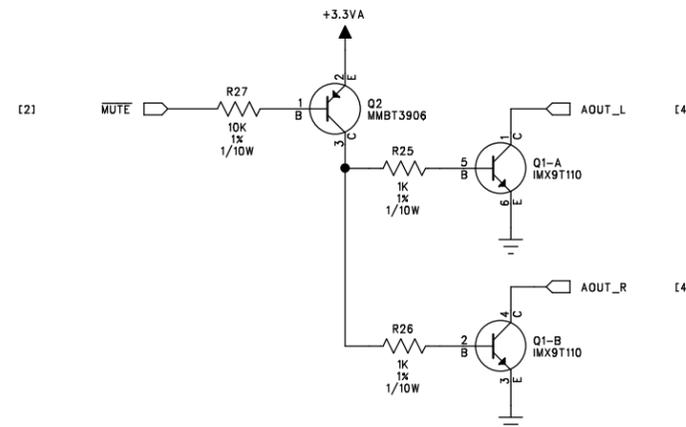
3.5mm TRS: shunt 1 & 3, 2 & 4  
2x1 RCA: shunt 3 & 5, 4 & 6



### Stereo Audio Output Jacks

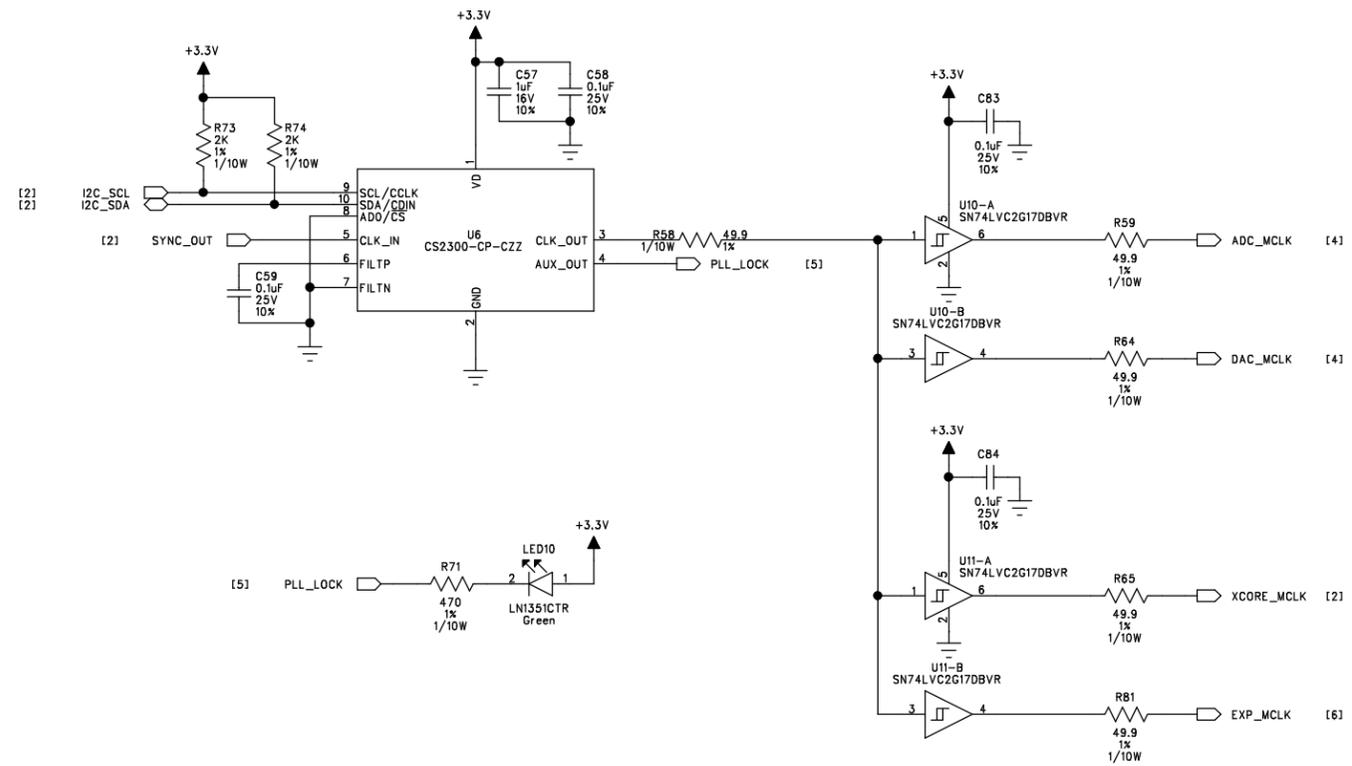


### Audio Output Muting

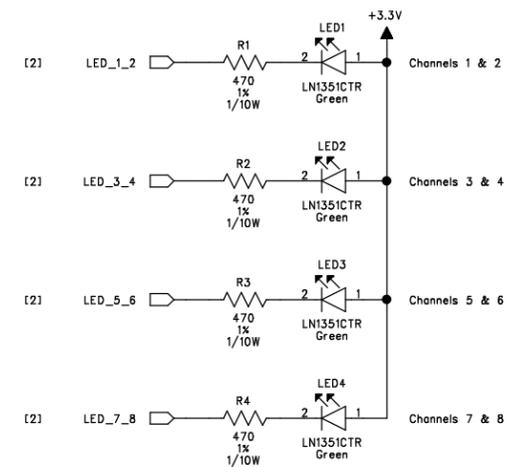
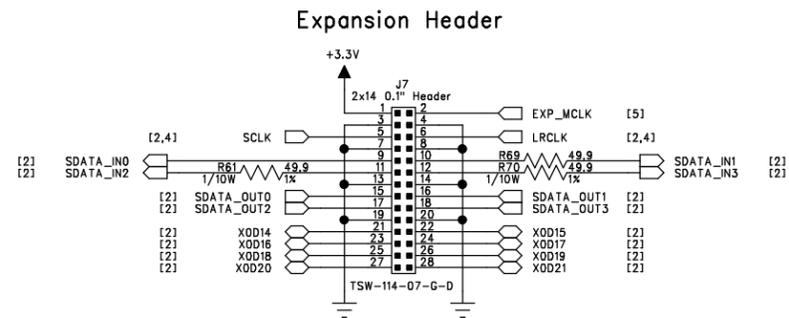
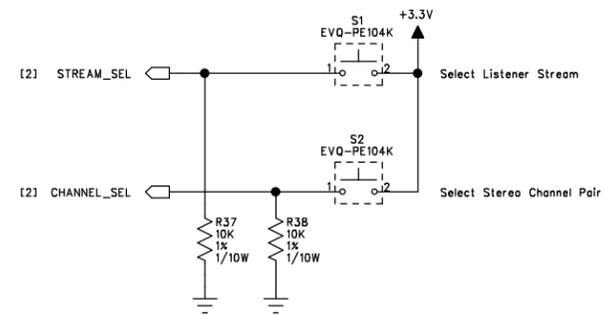
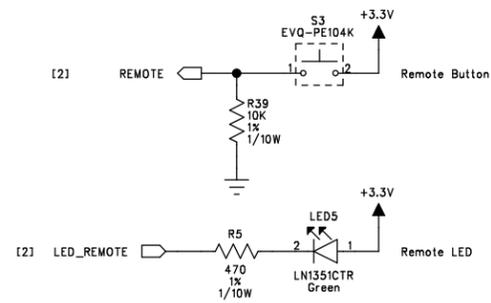


SHEET TITLE		Audio Input/Output	
PART #	600-00139-01-B	DOC REV	2.0
DRAWN BY	ALR	ENGINEER	ALR
DATE	11/30/10	SIZE	C
		SHEET	4 OF 7

### Fractional-N Clock Multiplier w/ LCO

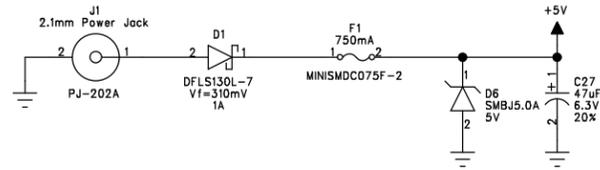


SHEET TITLE		PLL	
PART #	600-00139-01-B	DOC REV	2.0
DRAWN BY	ALR	ENGINEER	ALR
DATE	11/30/10	SIZE C	SHEET 5 OF 7

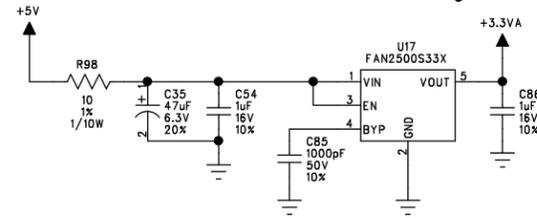


SHEET TITLE		Switches, LEDs, Headers	
PART #	600-00139-01-B	DOC REV	2.0
DRAWN BY	ALR	ENGINEER	ALR
DATE	11/30/10	SIZE C	SHEET 6 OF 7

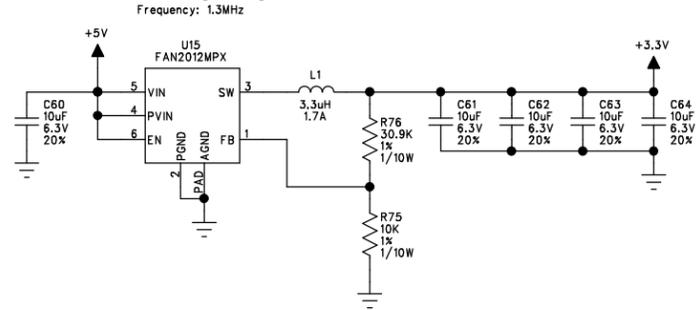
### Power Input



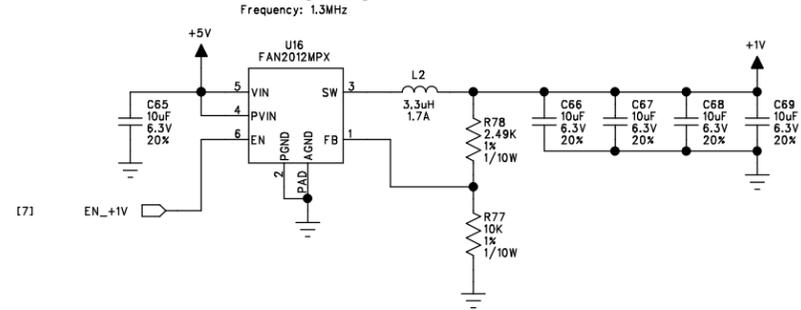
### 100mA LDO Regulator



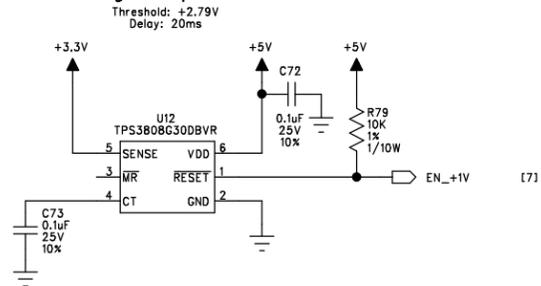
### 1.5A Switching Regulator



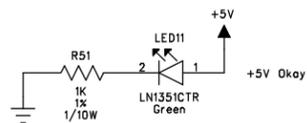
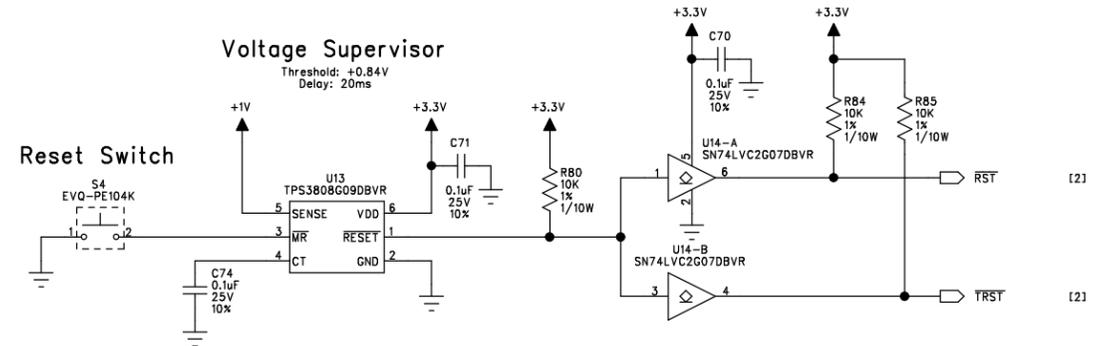
### 1.5A Switching Regulator



### Voltage Supervisor



### Voltage Supervisor



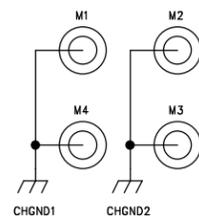
### PCB Fiducials

31mil Copper, 62mil Solder Mask

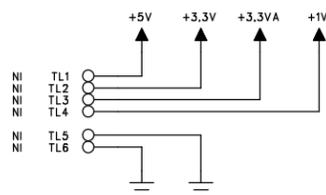


### Mounting Holes

3.2mm Drill



### Test Loops



SHEET TITLE			Power		
PART #		600-00139-01-B		DOC REV 2.0	
DRAWN BY		ALR		ENGINEER ALR	
DATE		11/30/10		SIZE C SHEET 7 OF 7	