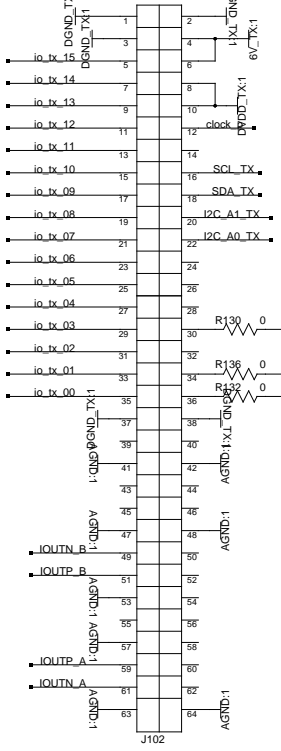
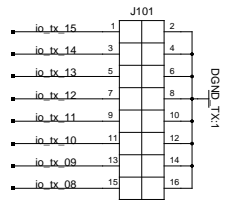


REVERSE PMC on BOTTOM!!!!



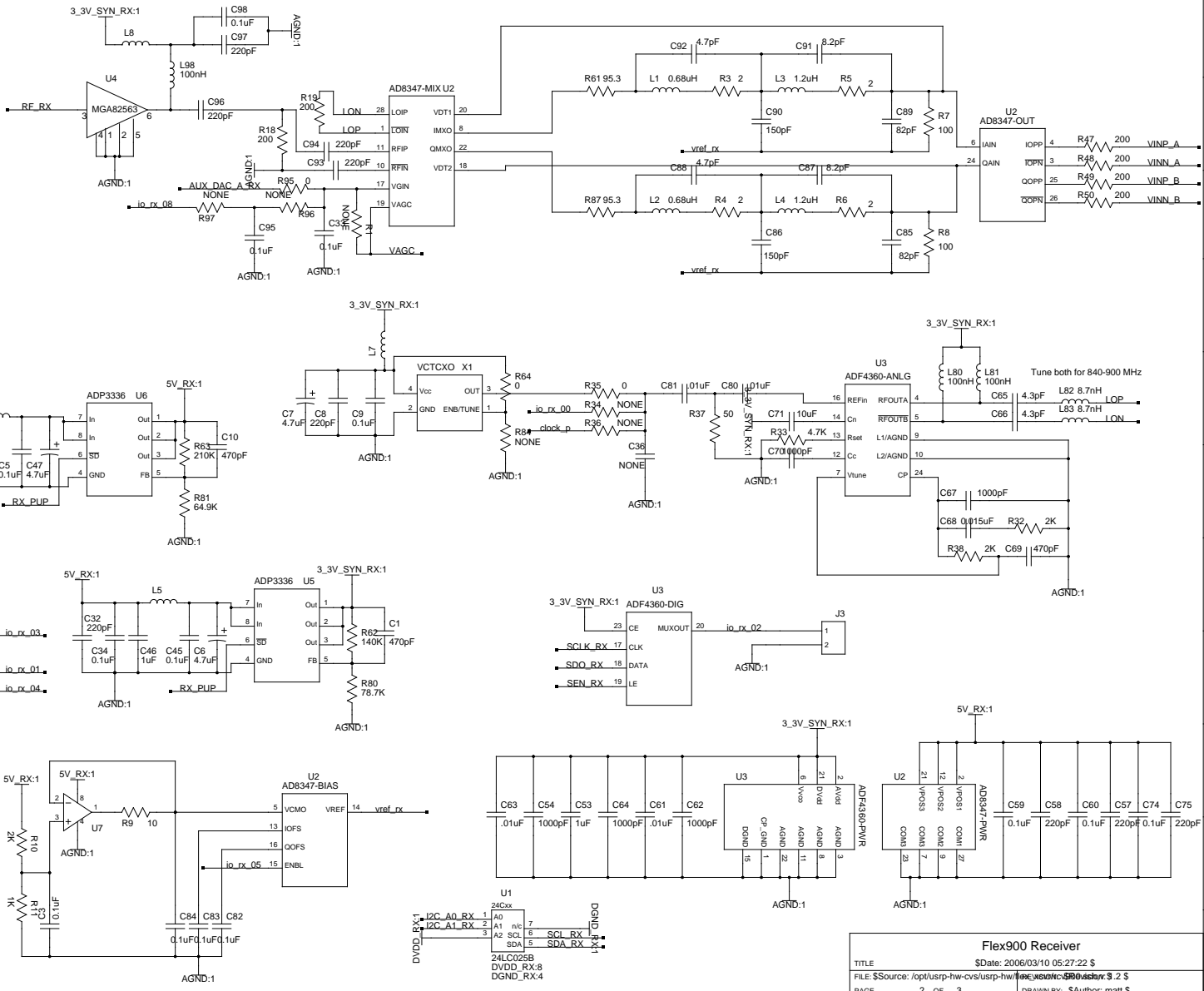
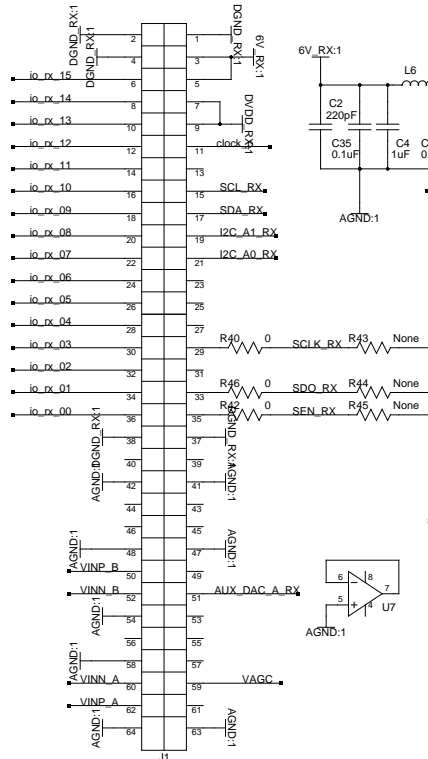
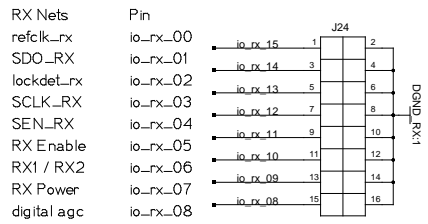
TX Nets	Pin
refclk_tx	io_tx_00
SDO_TX	io_tx_01
lockdet_tx	io_tx_02
SCLK_TX	io_tx_03
SEN_TX	io_tx_04
TX Enable	io_tx_05
TX / RX	io_tx_06
TX Power	io_tx_07

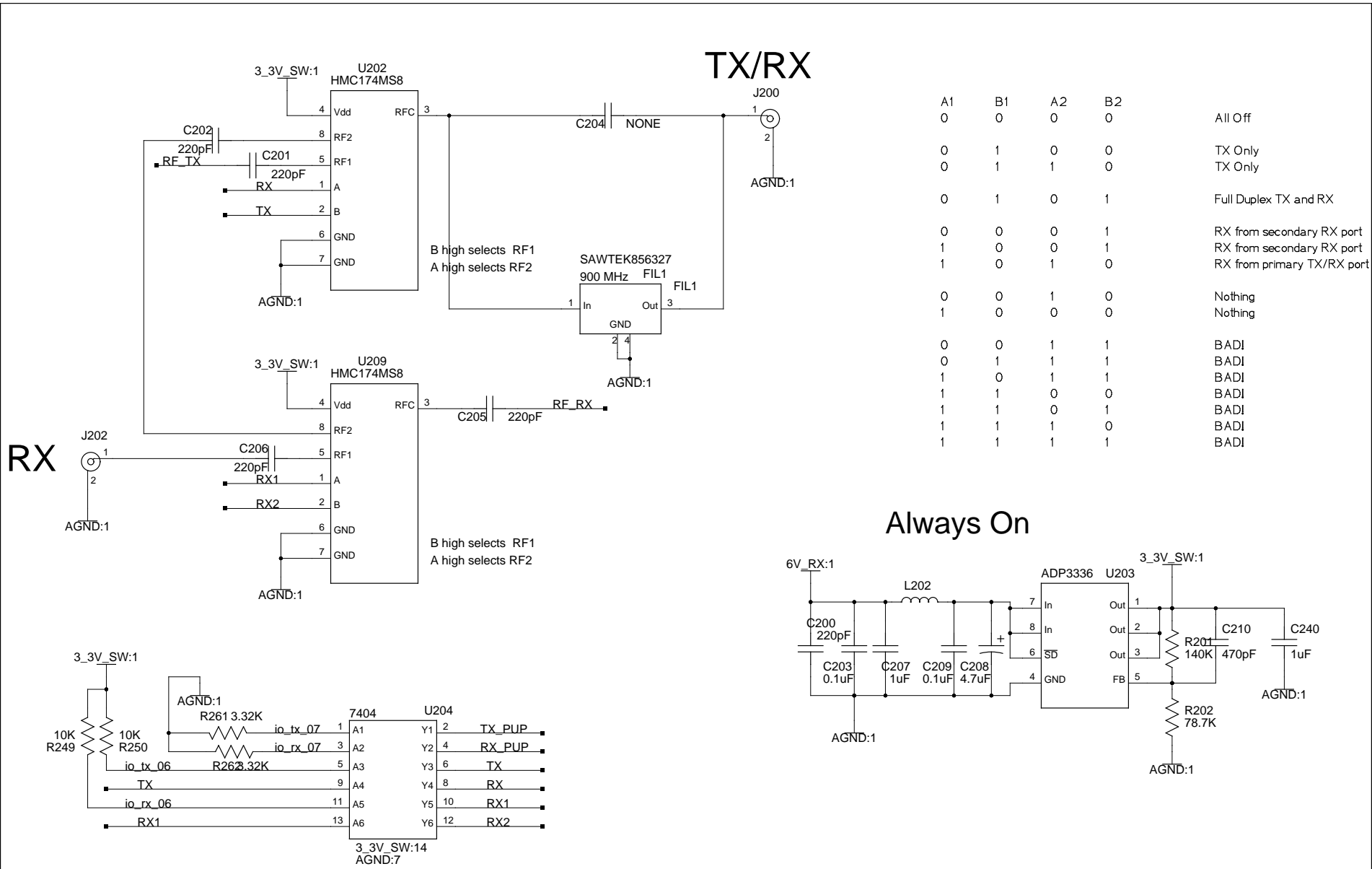


Flex900 Upconverter	
TITLE	\$Date: 2005/03/10 05:27:22 \$
FILE: \$Source: /opt/usrp-hw-cvs/usrp-hw/	flex900/boards/flex900.sch
PAGE	3 OF 3
	DRAWN BY: \$Author: matt \$

Stage	Max Gain	Min Gain
LNA	22	
AD8348	45.5	1.5
Filter	-6	-6
AD9862 ADC	20	0
Sum	81.5	17.5

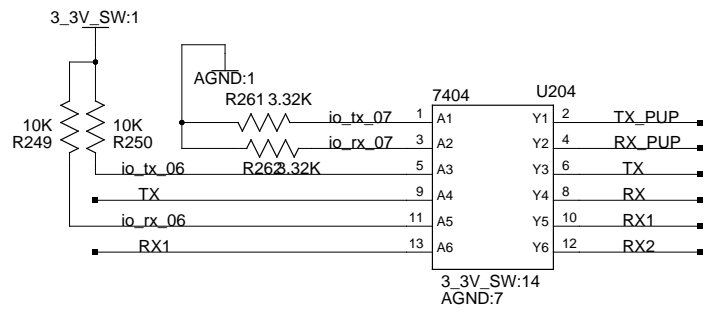
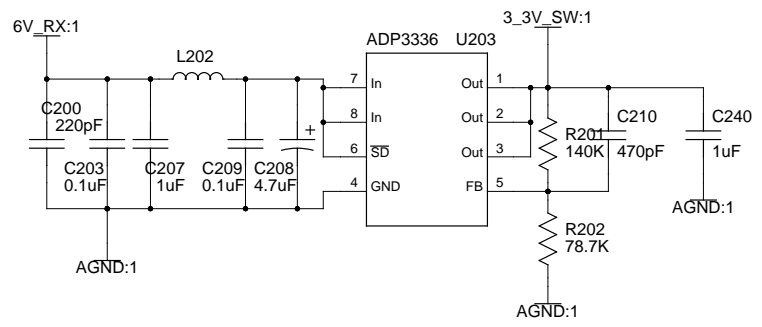
At max gain, thermal noise will be approx 5% of max scale





	A1	B1	A2	B2	
	0	0	0	0	All Off
	0	1	0	0	TX Only
	0	1	1	0	TX Only
	0	1	0	1	Full Duplex TX and RX
	0	0	0	1	RX from secondary RX port
	1	0	0	1	RX from secondary RX port
	1	0	1	0	RX from primary TX/RX port
	0	0	1	0	Nothing
	1	0	0	0	Nothing
	0	0	1	1	BADI
	0	1	1	1	BADI
	1	0	1	1	BADI
	1	1	0	0	BADI
	1	1	0	1	BADI
	1	1	1	0	BADI
	1	1	1	1	BADI

Always On



Band	Upconverter	Downconverter	Upconverter VCO	Downconverter VCO
400 - 500 MHz	AD8345	AD8348	ADF4360-7 (Div by 2)	ADF4360-3 (Div by 2)
800 - 975 MHz	AD8349	AD8347	ADF4360-3 (Div by 2)	Same
1.2 - 1.3 GHz	AD8349	AD8347	ADF4360-0 (Div by 2)	Same
2.3 - 2.4 GHz	AD8349	AD8347	ADF4360-1	Same
2.4 - 2.7 GHz	AD8349	AD8347	ADF4360-0	Same