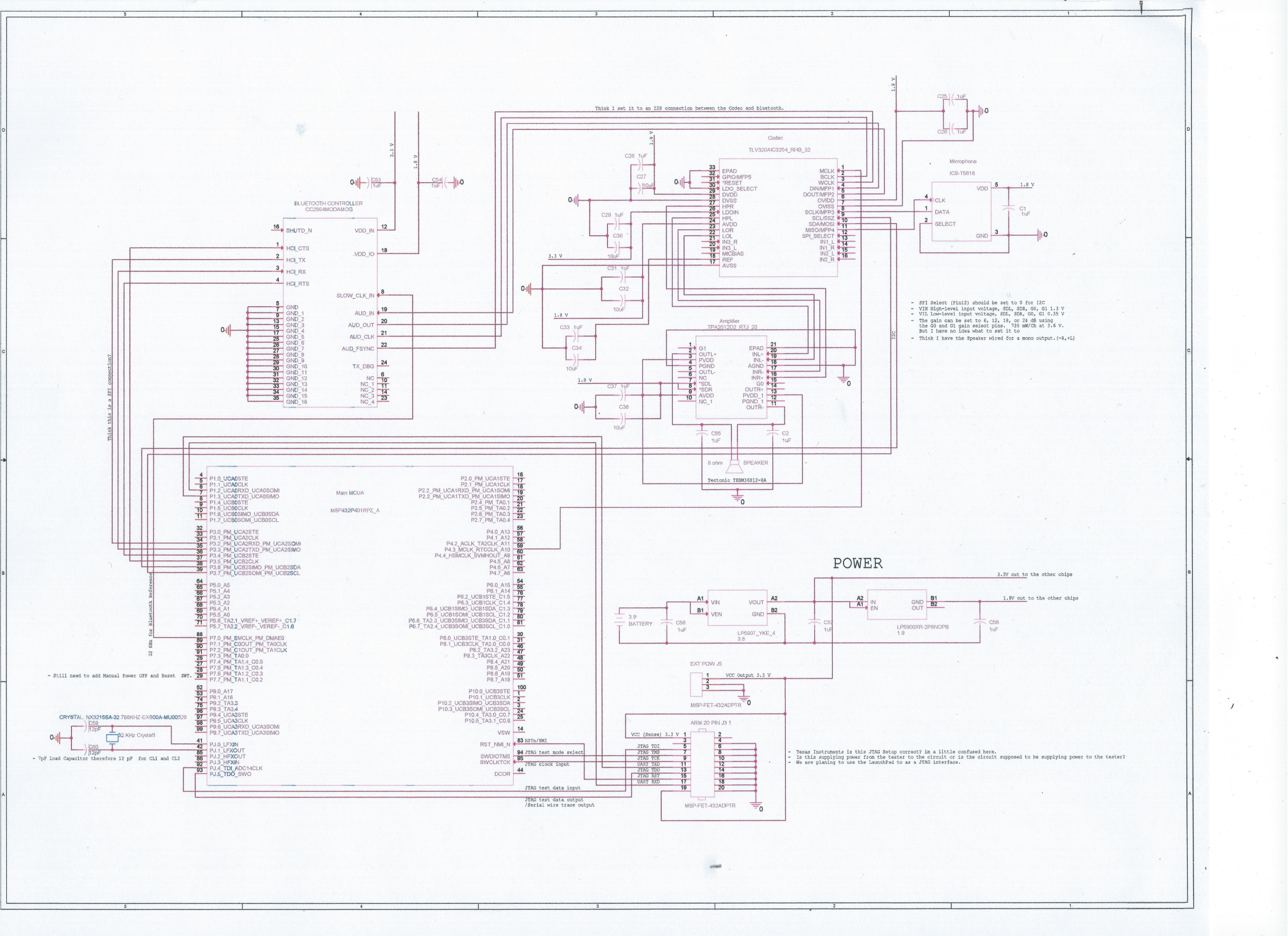

Think I set it to an I2S connection between the Codec and bluetooth.
BLUETOOTH CONTROLLER
CC2564MODAMOG
SHUTD_N
HCI_CTS
HCI_TX
HCI_RX
HCI_RTS
VDD_IN
VDD_IO
SLOW_CLK_IN
AUD_IN
AUD_OUT
AUD_CLK
AUD_FSYNC
TX_DBG
NC
GND
Codec
TLV320AIC3254_RHB_32
EPAD
GPIO/MFP5
*RESET
LDO_SELECT
DVDD
DVSS
HPR
LDOIN
HPL
AVDD
LOR
LOL
IN3_R
IN3_L
MICBIAS
REF
AVSS
MCLK
BCLK
WCLK
DIN/MFP1
DOUT/MFP2
CVDD
CVSS
SCLK/MFP3
SCL/SSZ
SDA/MOSI
MISO/MFP4
SPI_SELECT
IN1_L
IN1_R
IN2_L
IN2_R
Microphone
ICS-T5818
CLK
DATA
SELECT
VDD
GND
Amplifier
TPA2012D2_RTJ_20
G1
OUTL+
PVDD
PGND
OUTL-
NC
*SDL
*SDR
AVDD
NC_1
EPAD
INL+
INL-
AGND
INR-
INR+
G0
OUTR+
PVDD_1
PGND_1
OUTR-
8 ohm
SPEAKER
Tectonic TEBM36812-8A
- SPI Select (Pin12) should be set to 0 for I2C
- VIH High-level input voltage, SDL, SDR, G0, G1 1.3 V
- VIL Low-level input voltage, SDL, SDR, G0, G1 0.35 V
- The gain can be set to 6, 12, 18, or 24 dB using the G0 and G1 gain select pins. 720 mW/Ch at 3.6 V. But I have no idea what to set it to
- Think I have the Speaker wired for a mono output.(-R,+L)
Think this is a SPI connection?
Main MCUA
MSP432P401RP2_A
32 KHz for Bluetooth Reference
- Still need to add Manual Power OFF and Reset SWT.
CRYSTAL, NX3215SA-32.768KHZ-EXS00A-MU00529
32 KHz Crystal
- 7pF load Capacitor therefore 12 pF for CL1 and CL2
POWER
3.9V BATTERY
LP5907_YKE_4
3.6
LP5900XR-2IP8NOPB
1.9
3.3V out to the other chips
1.8V out to the other chips
EXT POW J5
VCC Output 3.3 V
MSP-FET-432ADPTR
ARM 20 PIN J3 1
VCC (Sense) 3.3 V
JTAG TDI
JTAG TMS
JTAG TCK
UART TXD
JTAG TDO
JTAG RST
UART RXD
- Texas Instruments is this JTAG Setup correct? im a little confused here.
- Is this supplying power from the tester to the circuit or is the circuit supposed to be supplying power to the tester?
- We are planing to use the LaunchPad to as a JTAG interface.
JTAG test data input
JTAG test data output
/Serial wire trace output
JTAG clock input