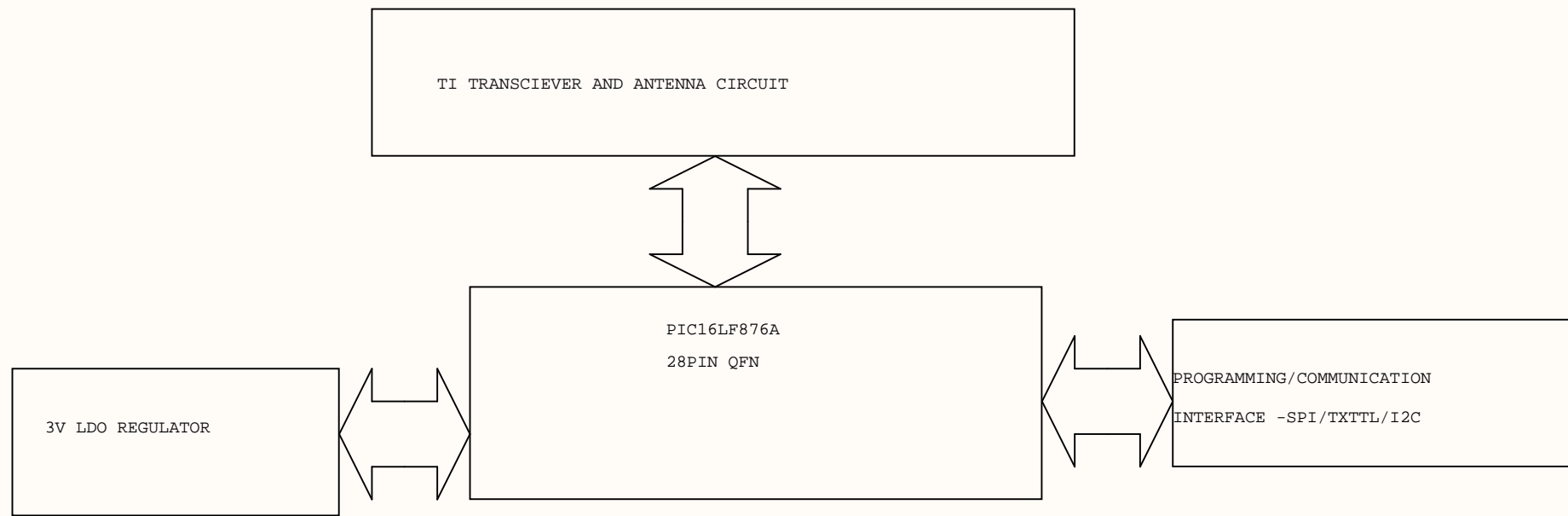
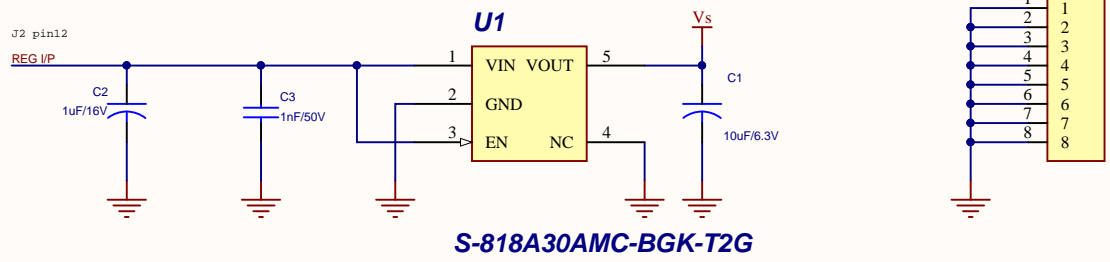


Page	Component / Function
2	MAIN SCHEMATIC

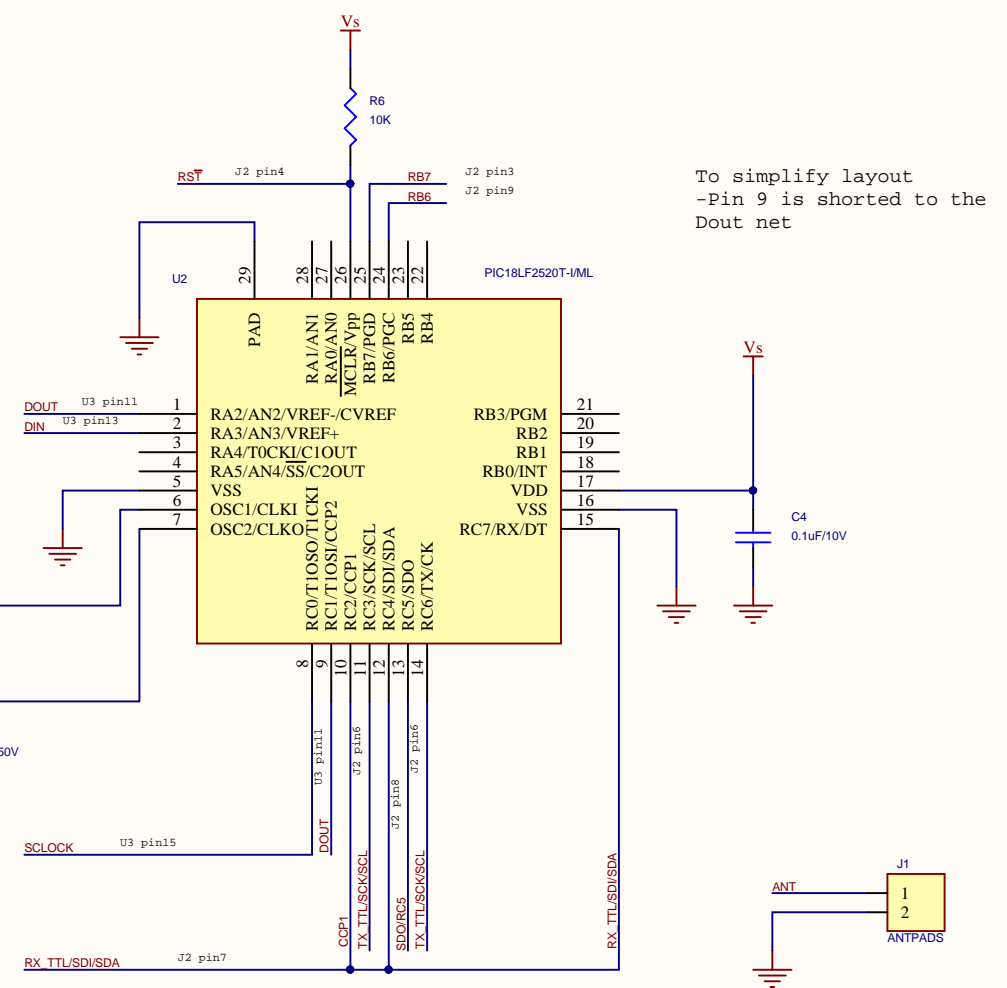


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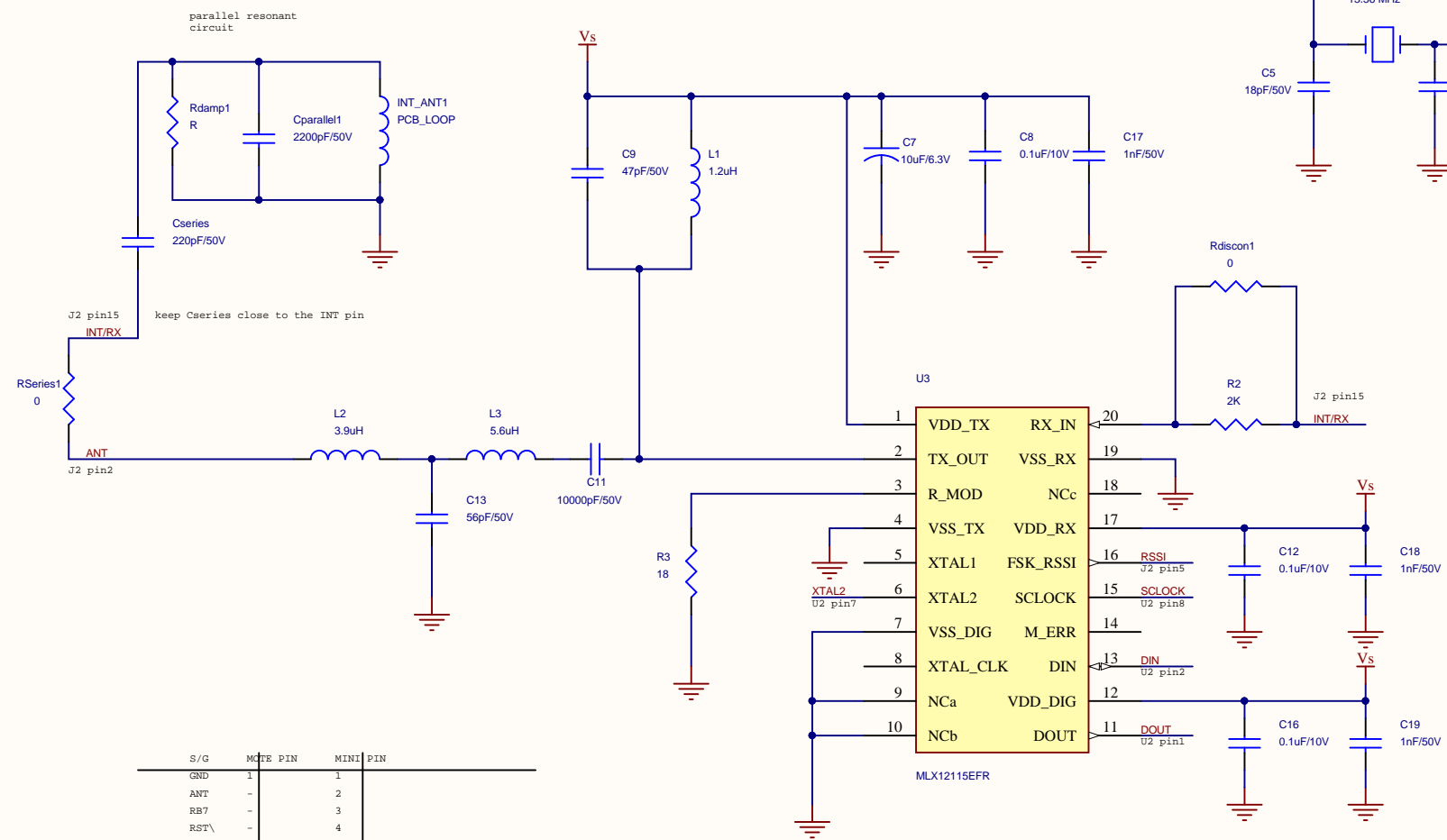
SkyeTek 5589 Arapahoe ave. STE 206B Boulder CO 80302 720.565.0441		
Author		Rohit Majhi
Title mini		
Size A	Document Number	Rev v3
Date:	Sheet	1 of 1



S-818A30AMC-BGK-T2G

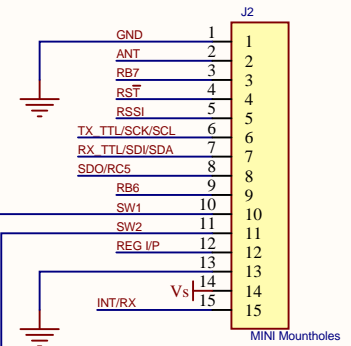
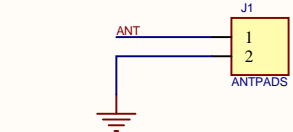
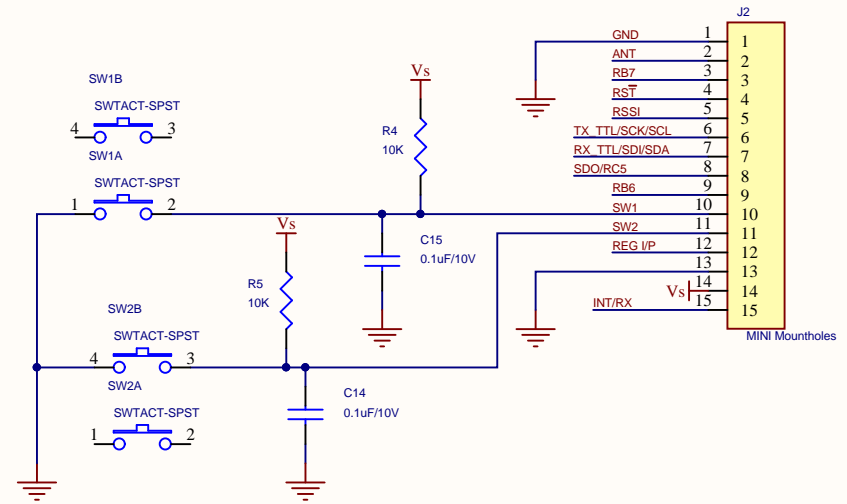


To simplify layout
-Pin 9 is shorted to the Dout net



S/G	MCPE PIN	MINI PIN
GND	1	1
ANT	-	2
RB7	-	3
RST\	-	4
RSSI	7	5
TX_TTL/SCK/SCL	8	6
RX_TTL/SDI/SDA	9	7
SDO	-	8
RB6	-	9
SW2	14	10
SW1	15	11
REG I/P	-	12
GND	-	13
Vs	19	14

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Title: mini

Size: A | Document Number: | Rev: v4

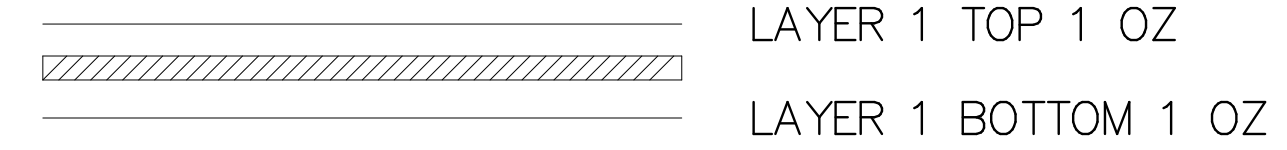
Date: | Sheet: 1 of 1

NOTES:

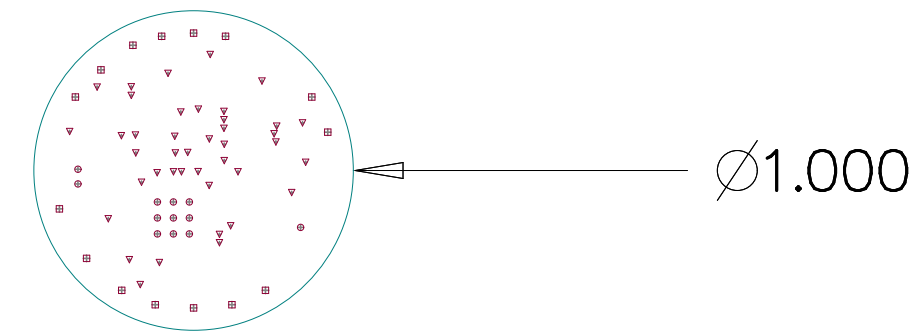
1. FABRICATE BOARDS IN ACCORDANCE WITH IPC6012A, CLASS 2 PER IPC-6011
2. MATERIAL: POLYCLAD PCL-FR-370HR. 0.032+/-0.005 INCHES FINISHED THICKNESS.
3. BALANCED CONSTRUCTION: 2 LAYER BOARD WITH 1 OZ FINISHED COPPER BOTH SIDES. STACK UP PER VIEW A-A
4. MINIMUM FINISHED LINE WIDTH .0065 IN, MINIMUM FINISHED SPACING .005 INCH
5. GENERATE NETLIST FROM GERBER FILES AND PERFORM NETLIST COMPARE WITH IPC-D-356A NETLIST SUPPLIED.
6. FINISH: ELECTROLESS NICKEL IMMERSION GOLD (ENIG)
7. APPLY SOLDERMASK BOTH SIDES, LPI GREEN.
8. CAM FILE DESIGNATIONS
GERBER FORMAT 274X 3.5

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	RELEASED		

STACKUP




FINISHED OVERALL THICKNESS = .031 +/- .005
COPPER WEIGHTS HAVE BEEN SPECIFIED AS FINISHED



Symbol	Count	Hole Size	Plated	Hole Type
▽	41	8.00mil (0.203mm)	PTH	Round
○	12	15.00mil (0.381mm)	PTH	Round
□	15	41.00mil (1.041mm)	PTH	Round
	68 Total			

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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: 2 PL DECIMALS + 3 PL DECIMALS + ANGLES + FRACTIONS +	SIGNATURES	DATE	 11030 Circle Point Rd, Ste 300 Westminster, CO 80020 USA Phone 720.565.0441 Fax 720.565.8989		
					SM-MN-SH M1Mini Module PRINTED CIRCUIT BOARD
			SIZE	DWG NO	
				SCALE	SHEET 1