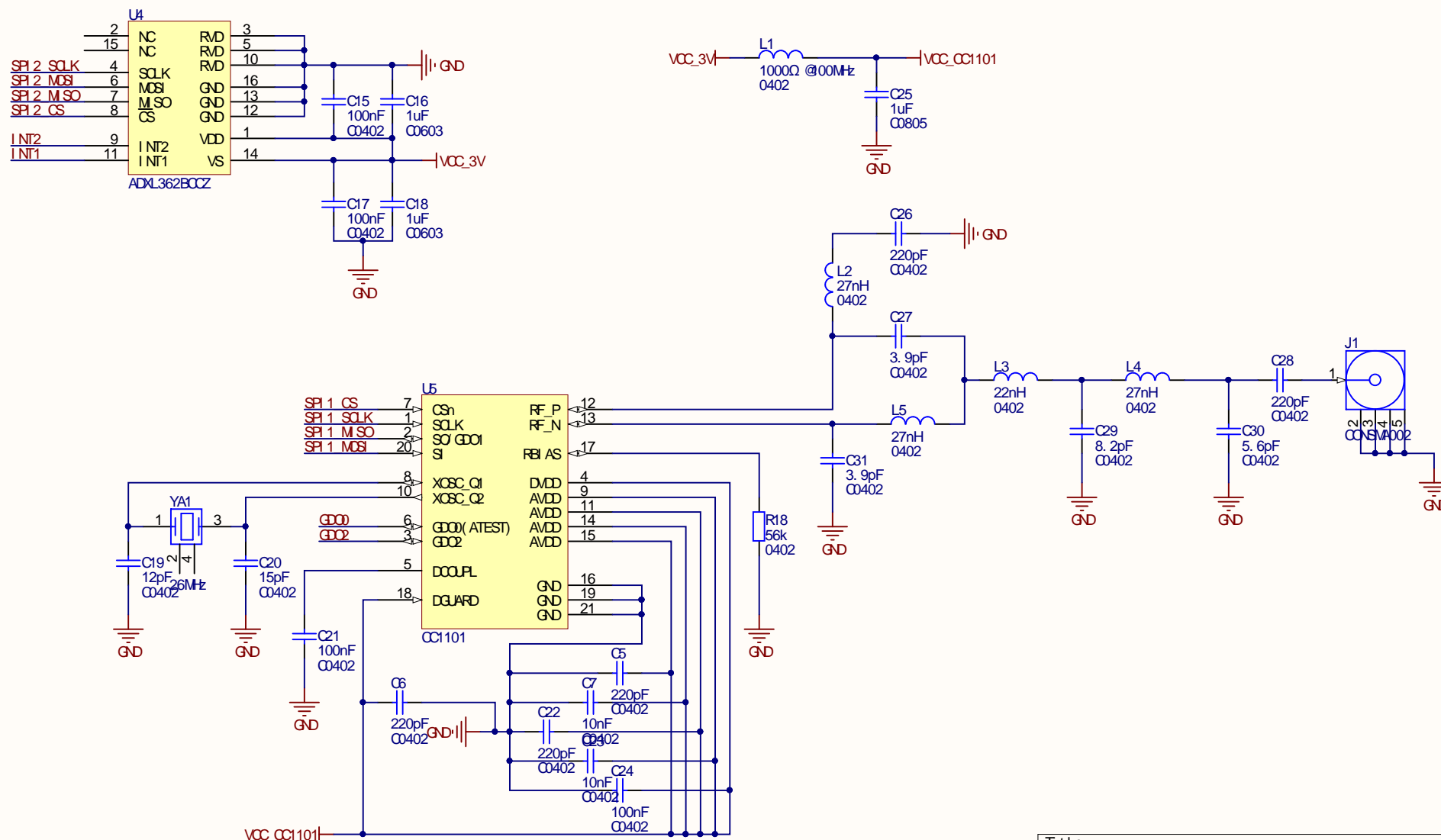


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Accelerometer

CC1101



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A

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U_MCU
MCU_SchDoc



U_MEM&RF
MEM&RF_SchDoc



U_Power
Power_SchDoc



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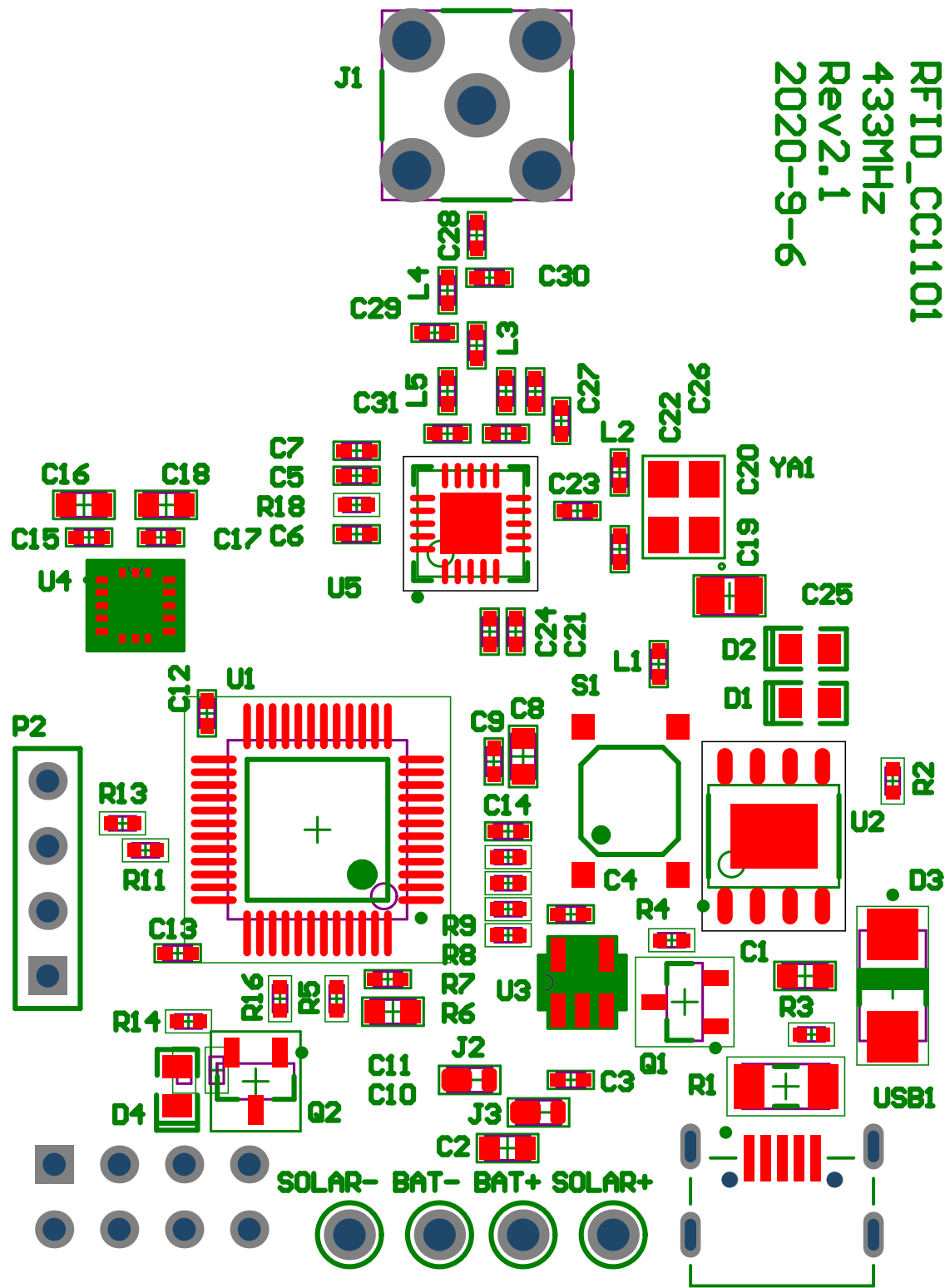
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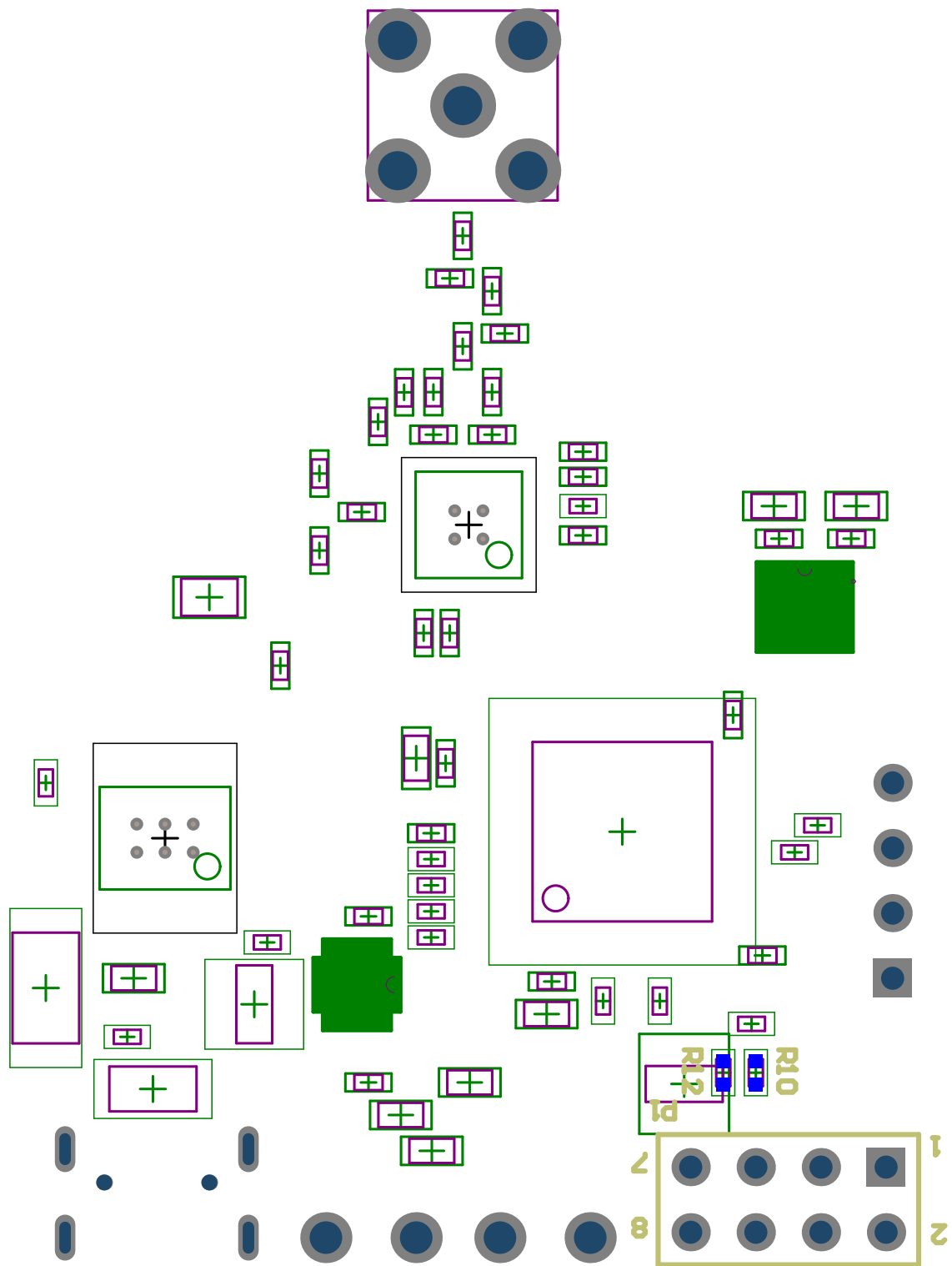
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RFID_CC1101
433MHZ
Rev2.1
2020-9-6





LibRef	Quantity	Comment	Description	Designator	Footprint
C1608X5R1A106K080AC	3	10uF	Capacitor (0603,X5R,10uF,DC 10V,±10%) TDK	C1, C2, C10	1608[0603]
C1005X5R1E105K050BC	2	1uF	Capacitor (0402,X5R,1uF,DC 25V,±10%) TDK	C3, C4	0402
GRM1555C1H221JA01D	5	220pF	Capacitor (0402,NP0,220pF,DC 50V,±5%) Murata	C5, C6, C22, C26, C28	0402
GRM155R71E103KA01D	2	10nF	Capacitor (0402,X7R,10nF,DC 25V,±10%) Murata	C7, C23	0402
CGA3E2X5R1A105K080AA	3	1uF	Capacitor (0603,X5R,1uF,DC 10V,+/-10%) TDK	C8, C16, C18	1608[0603]
CGA2B2X5R1A104K050BA	5	100nF	Capacitor (0402,X5R,100nF,DC 10V,±10%) TDK	C9, C11, C12, C13, C14	0402
C1005X7R1H104K050BE	2	100nF	Capacitor (0402,X7R,100nF,DC 50V,±10%) TDK	C15, C17	0402
GRM1555C1H120JZ01D	1	12pF	Capacitor (0402,NP0,12pF,DC 50V,±5%) Murata	C19	0402
GRM1555C1H150JZ01D	1	15pF	Capacitor (0402,NP0,15pF,DC 50V,±5%) Murata	C20	0402
GRM155R71A104KA01D	2	100nF	Capacitor (0402,X5R,100nF,DC 10V,±10%) Murata	C21, C24	0402
GRM21BR71C105KA01L	1	1uF	Capacitor (0805,X7R,1uF,DC 16V,±10%) Murata	C25	C0805
GRM1555C1H3R9CZ01D	2	3.9pF	Capacitor (0402,NP0,3.9pF,DC 50V,±0.25pF) Murata	C27, C31	0402
GRM1555C1H8R2CZ01D	1	8.2pF	Capacitor (0402,NP0,8.2pF,DC 50V,±0.25pF) Murata	C29	0402
GRM1555C1H5R6CZ01D	1	5.6pF	Capacitor (0402,NP0,5.6pF,DC 50V,±0.25pF) Murata	C30	0402
TLMG1100-GS08	2	Green	Standard 0603 SMD LED, Green, 2.1V,-40 °C to +100 °C	D1, D4	0603/K
TLSM1100-GS08	1	Red	Standard 0603 SMD LED, Red, 2.1V,-40 °C to +100 °C	D2	0603/K
SS24S	1	SS24S	Schottky Power Rectifier, 2-Pin SMA, VRRM=40V , VF=0.517V at IF=2.0A , Pb-Free, Tape and Reel	D3	ONSC-SMA-2-403D-02_V
CON SMA002	1	CON SMA002	SMA Female Right Angle PCB Mount Connector	J1	CON-SMA-RA
JUMP-0603	1	NC	jumper 0603(1608)	J2	1608[0603] - jumper
JUMP-0603	1	0Ω	jumper 0603(1608)	J3	1608[0603] - jumper
BLM15HG102SN1D	1	1000Ω@100MHz	Inductor,EMI filter bead, 1000Ω@100MHz 250mA, 0402 1k ohms Tape GHz Band Gen Use, Murata	L1	0402
LQG15HS27NJ02D	3	27nH	Inductor, 27n, 0402, ±5%Murata	L2, L4, L5	0402
LQG15HS22NJ02D	1	22nH	Inductor, 22n, 0402, ±5%Murata	L3	0402
Header 4X2	1	NC	Header, 4-Pin, Dual row	P1	HDR2X4
Header 4	1	NC	Header, 4-Pin	P2	HDR1X4
Si2301CDS	1	Si2301CDS	P-Channel MOSFET,VDS=-20V,VGS=8V,ID=3.1A,VGS(th)Min=0.4V,SOT-23	Q1	SOT95P237X112-3N
MMS8050-L	1	MMS8050-L	NPN Silicon Plastic-Encapsulate Transistor , MCC , Range:120-200	Q2	SOT-23B_N
PE1206FRF470R4L	1	0.4	Resistor 1206(3216) 0.4Ω ±1% 1W AUTOMOTIVE GRADEPE_L series	R1	RESC3216X07N
RC0402FR-071KL	2	1k	Resistor 0402(1005) 1kΩ ±1%	R2, R16	RESC1005X04N
RC0402FR-0710KL	7	10k	Resistor 0402(1005) 10kΩ ±1%	R3, R5, R6, R7, R8, R9, R14	RESC1005X04N
RC0402FR-071K2L	1	1.2k	Resistor 0402(1005) 1.2kΩ ±1%	R4	RESC1005X04N
RC0402FR-0733RL	4	33	Resistor 0402(1005) 33Ω ±1%	R10, R11, R12, R13	RESC1005X04N
RK73H1ETTP5602F	1	56k	Resistor, 56k ohms, 0402, ±1% Koa	R18	RESC1005X04N
CX-G001	1	DPST-4	5.2*5.2轻触开关	S1	DPST
STM32L051C8T6	1	STM32L051C8T6	Access line ultra-low-power 32-bit MCU Arm?-based Cortex?-M0+, 64 KB Flash, 8 KB SRAM,2 KB EEPROM, 38 fast I/Os, 48-pin LQFP, -40 to 125 degC, Tray	U1	STM-LQFP48_N
TP4056	1	TP4056	1A线性锂离子电池充电器	U2	ESOP-9N
ADP151	1	ADP151AUJZ-3.0-R7	The ADP151 is an ultralow noise, low dropout (LDO) linear regulator that operates from 2.2 V to 5.5 V and provides up to 200 mA of output current.	U3	UJ_5
ADXL362BCCZ	1	ADXL362BCCZ	ADXL362, LGA, CC-16-4.	U4	LGA_CC-16-4
CC1101	1	CC1101	Low-Power Sub-1GHz RF Transceiver	U5	QFN50P400X400X100_HS-21N
USB/Micro-AB	1	Micro-USB	Receptacle, Micro 5脚贴片 不带定位柱	USB1	USB_Micro_5P4J
NX3225GA-26M	1	26MHz	Crystal, 26.000000MHz, 10.0pF, 50 ohms max, 20/40 ppm, -40C to +85C, NDK	YA1	XTAL-SMT-4P

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