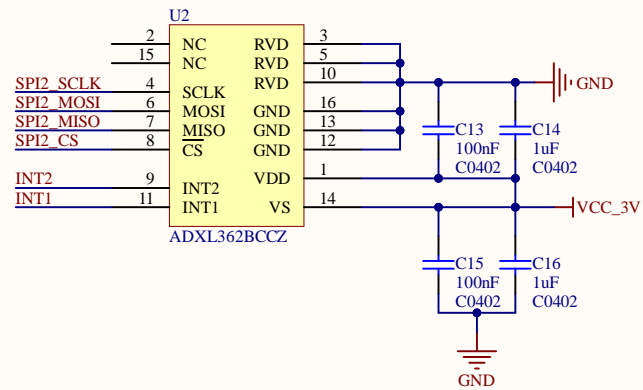
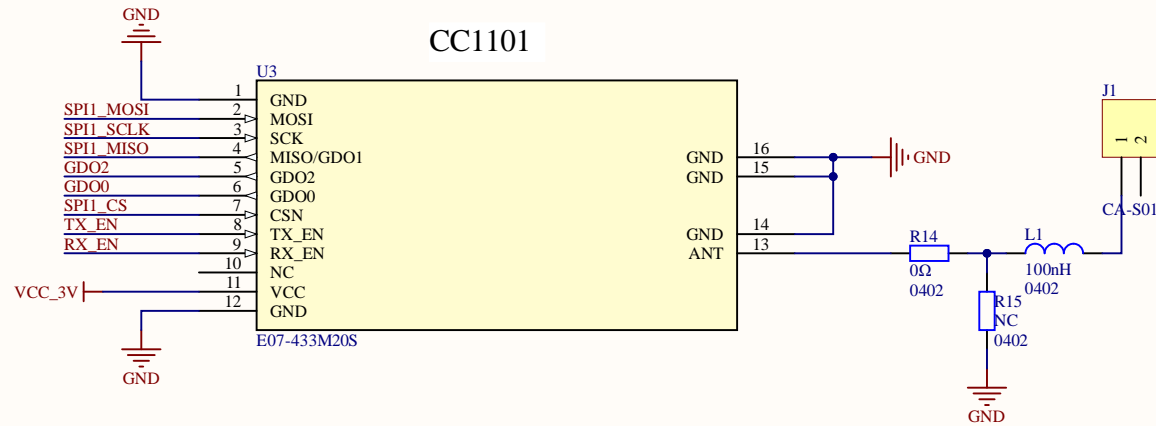


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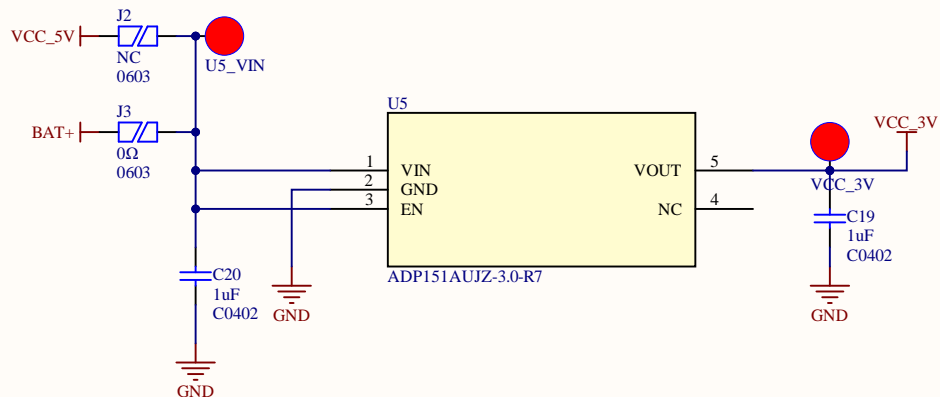
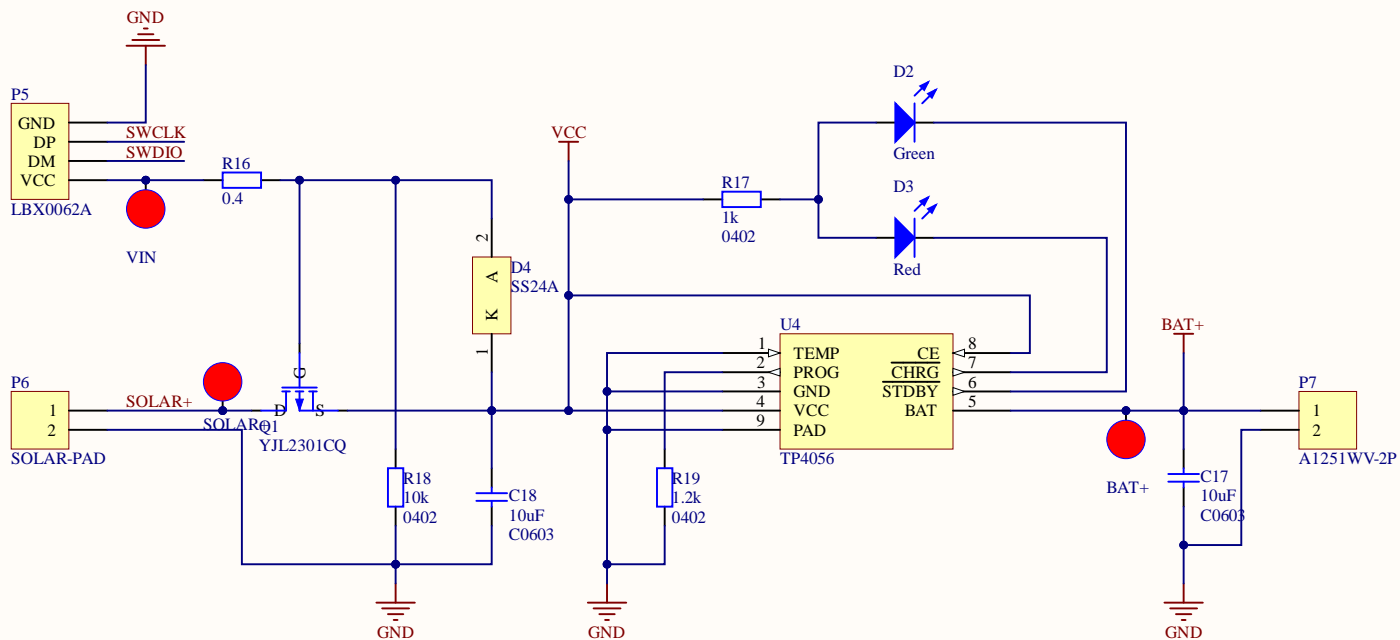
## Accelerometers



## CC1101



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MCU.SchDoc



U\_MEMS&RF  
MEMS&RF.SchDoc



U\_Power  
Power.SchDoc



B

B

C

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D

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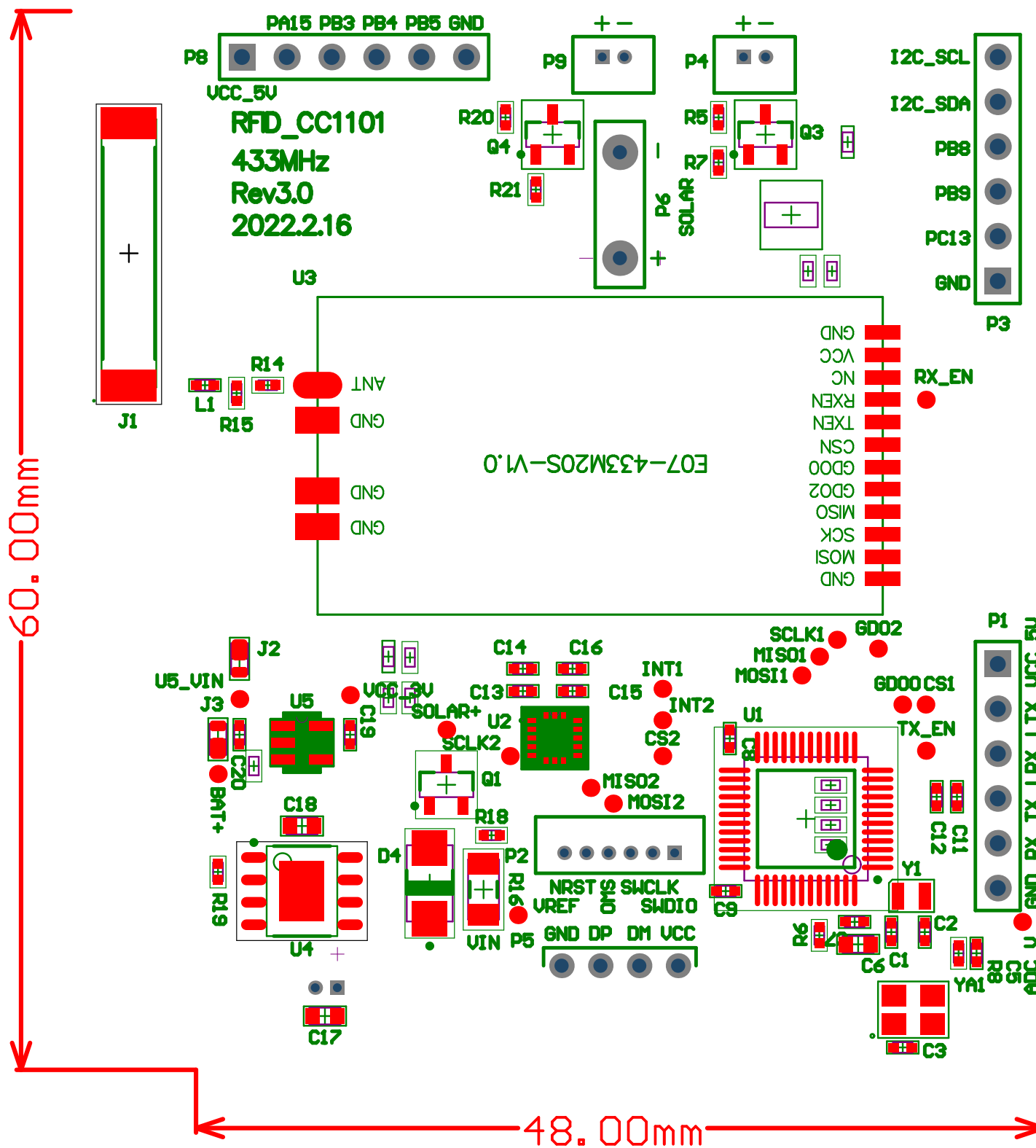
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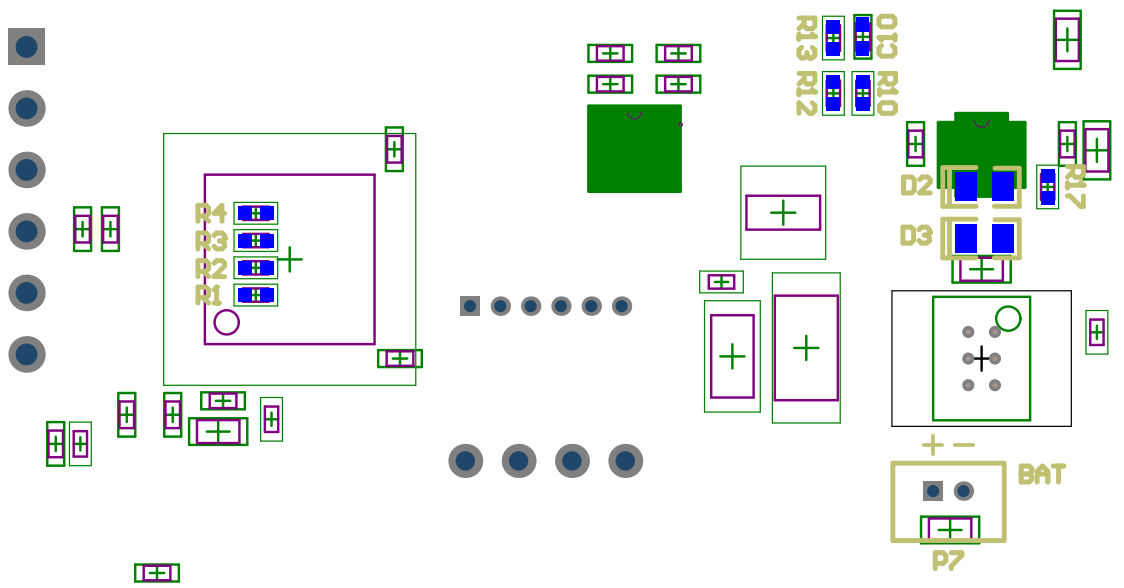
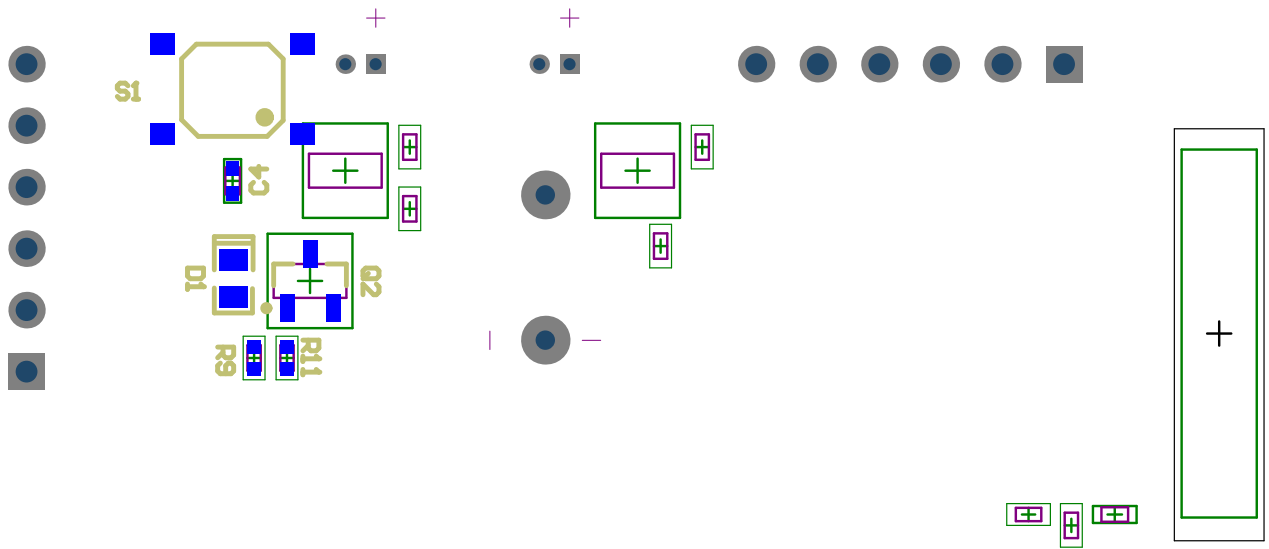
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Title		
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Comment	Description	Designator	Footprint	LibRef	Quantity
TP-EMB-SMT- Single-20mil- 1pin	Test Point Designed for holding a standard probe lead	ADC_V, BAT+, CS1, CS2, GDO0, GDO2, INT1, INT2, MISO1, MISO2, MOSI1, MOSI2, RX_EN, SCLK1, SCLK2, SOLAR+, TX_EN, U5_VIN, VCC_3V, VIN	EMB-SMT- 40MILX40MIL	TP-EMB-SMT- Single-20mil- 1pin	20
10pF	Capacitor (0402,NPO,10pF,DC 50V,±1%) YAGEO	C1, C2	0402	CC0402FRNPO9BN1 00	2
18pF	Capacitor (0402,NPO,18pF,DC 50V,±1%) YAGEO	C3, C5	0402	CC0402FRNPO9BN1 80	2
100nF	Capacitor (0402,X7R,100nF,DC 50V,±10%) Murata	C4, C7, C8, C9, C10, C12, C13, C15	0402	GRM155R71H104KE 14	8
10uF	Capacitor(0603,X5R(EIA),10uF,DC 25V,+/-20 %) muRata	C6, C17, C18	1608[0603]	GRM188R61E106M A73	3
1uF	Capacitor (0402,X5R,1uF,DC 25V,±10%) Murata	C11, C14, C16, C19, C20	0402	GRM155R61E105KE 11	5
Green	Standard 0603 SMD LED, Green, 1.6-2.2V	D1, D2	0603/K	XL-1608SYGC	2
Red	Standard 0603 SMD LED, Red, 1.6-2.2V	D3	0603/K	XL-1608SURC	1
SS24A	Surface Mount Schottky Rectifier, 2-Pin SMA, VRRM=40V , VF=0.5V at IF=2.0A, -55~+125°C	D4	ONSC-SMA-2- 403D-02_V	SS24A	1
CA-S01	CrossAir Antenna. 广州寒武纪电子科技有限公司	J1	CA-S01	CA-S01	1
NC	Resistor 0603(1608) 0Ω jumper	J2	1608[0603] - jumper	RC0603JR-JUMP	1
0Ω	Resistor 0603(1608) 0Ω jumper	J3	1608[0603] - jumper	RC0603JR-JUMP	1
100nH	Inductor, 100n, 0402, ±5%, wire-wound type Murata	L1	0402	LQW15ANR10J00	1
A2541WV-6P	Header, 6-Pin, 针座-2.54mm间距, 180度, DIP排针	P1, P3, P8	A2541WV-6P	A2541WV-6P	3
A1251WV-6P	Header, 6-Pin, 1.25mm PITCH, 180° WAFER	P2	A1251WV-6P-SWD	A1251WV-6P	1
A1251WV-2P	Header, 2-Pin, 1.25mm PITCH, 180° WAFER	P4, P7, P9	A1251WV-2P	A1251WV-2P	3
LBX0062A	PogoPinLBX0062A, 4-Pin	P5	LBX0062A	LBX0062A	1
SOLAR-PAD	Header, 2-Pin	P6	SOLAR-PAD	SOLAR-PAD	1
YJL2301CQ	P-Channel Enhancement Mode Field Effect Transistor,VDS=-20V,VGS=±10V,ID=- 3.4A,VGS(th)Min=-0.4V,SOT-23	Q1	SOT95P237X112- 3N	YJL2301CQ	1
S8050	NPN General Purpose Amplifier, -55 to +150°C	Q2, Q3, Q4	SOT-23B_N	S8050	3
33	Resistor 0402(1005) 33Ω ±1%	R1, R2, R3, R4	RESC1005X04N	RC0402FR-0733RL	4
1k	Resistor 0402(1005) 1kΩ ±1%	R5, R7, R11, R17, R20, R21	RESC1005X04N	RC0402FR-071KL	6
10k	Resistor 0402(1005) 10kΩ ±1%	R6, R9, R18	RESC1005X04N	RC0402FR-0710KL	3
390	Resistor 0402(1005) 390Ω ±1%	R8	RESC1005X04N	RC0402FR-07390RL	1
100k	Resistor 0402(1005) 100kΩ ±1%	R10, R13	RESC1005X04N	RC0402FR-07100KL	2
0Ω	Resistor 0402(1005) 0Ω	R12, R14	RESC1005X04N	RC0402JR	2
NC	Resistor 0402(1005) 0Ω	R15	RESC1005X04N	RC0402JR	1
0.4	Resistor 1206(3216) 0.4Ω ±1% 1W AUTOMOTIVE GRADEPE_L series	R16	RESC3216X07N	PE1206FRF470R4L	1
1.2k	Resistor 0402(1005) 1.2kΩ ±1%	R19	RESC1005X04N	RC0402FR-071K2L	1
DPST-4	5.2*5.2轻触开关	S1	DPST	CX-G001	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	STM32L051C8T6	1
ADXL362BCCZ	ADXL362, LGA, CC-16-4.	U2	LGA_CC-16-4	ADXL362BCCZ	1
E07-433M20S	E07-433M20S是基于美国原装进口CC1101由成都亿佰 特设计生产的大功率CC1101无线模块, 默认发射功率 为100mW、内置PA的模块, 做到了功耗与性能的平衡 。SPI接口, 收发一体, 可以工作在433MHz主流ISM频 段, 支持开发低功耗, 目前已经多种场景中广泛应用	U3	PE07-433M20S	E07-433M20S	1
TP4056	1A线性锂离子电池充电器	U4	ESOP-9N	TP4056	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.	U5	UJ_5	ADP151	1
32.768 kHz	Crystal Oscillator, 2.0×1.2×0.6 mm, 2 Pins, 32.768kHz, - 40°C~+85°C, 12pF	Y1	XTAL-2012	7RC32768F12UC	1
12.0000000MHz	Crystal Oscillator, 3.2×2.5×0.70 mm, 4 Pins, 12.000MHz, -40°C~+85°C, 12pF, ±10PPM	YA1	XTAL-SMT-4P	7U12000E12UCG	1