



Comment	Description	Designator	Footprint	LibRef	Quantity
C0603	Ceramic Chip	C1, C2	0603	C0603	2
	Capacitor - Standard	,			_
0.1uF	Ceramic Chip	C3	0402	C0402	1
	Capacitor - Standard Ceramic Chip				
100nF	Capacitor - Standard	C4, C6	0402	C0402	2
10uF	Capacitoi - Stariuaru	C5	Tant0805	Tant0805	1
47uF		C7	Tant0805	Tant0805	1
LED_0603		D1	Diode0603	LED_0603	1
Shottky		D3	DFLS130	DFLS130	1
100uH		L1	Inductor_NLV32T	Inductor_NLV32T	1
2.2uH		L2	Inductor KLZ1608AHR		1
47uH		L3	Inductor KLZ1608AHR	Inductor KLZ1608	1
			Industor	Industor	
27uH		L4	Inductor MLZ2012M220WT000	Inductor MLZ2012M220WT000	1
PIEZO		P1, P2	PIEZO	PIEZO	2
FILZO	Header, 3-Pin, Dual		FILZO	FILZO	
AVR SPI	row	P3	HDR2X3	Header 3X2	1
PMF250XN,115	N-Channel Trench				
	MOSFET, 30 V, 0.9 A, -				
	55 to 150 degC, 3-Pin	01	NXP-SOT323_N	PMF250XN,115	1
	SOT323, Tape and	<u>.</u>	55.1525_1		
	Reel				
10k	Precision Thick Film				
	Chip Resistor, 10				
	Ohm to 1M Ohm	D4	0.0400	EDIODD	_
	Range, 1% and 0.5%	R1	2-0402	ERJ2RB	1
	Tolerance, 0402 Size,				
	0.063 W				
omit	Precision Thick Film				
	Chip Resistor, 10				
	Ohm to 1M Ohm	R2	3-0603	ERJ3RK	1
	Range, 1% and 0.5%	NZ	3 0003	LIGORIC	
	Tolerance, 0603 Size,				
	0.063 W				
330	Precision Thick Film				
	Chip Resistor, 10				
	Ohm to 1M Ohm	R3	2-0402	ERJ2RB	1
	Range, 1% and 0.5%				
	Tolerance, 0402 Size,				
Reed_MK24	0.063 W	S1	Reed MK24-B-3	Reed_MK24	1
NCCU_IVINZ4	+	JI	NEEU IVINZ4-D-3	INGGU_IVINZ4	
	8-Bit AVR				
	Microcontroller with				
ATmega8-16AC	8K Bytes of In-System	U1	32M1-A_M	ATmega8-16AC	1
	Programmable Flash				
	Memory				
TPS62740		U2	TPS6274x	TPS6274x	1
LIS2DS12		U3	LGA-12	LIS2DS12	1