

STEVAL-TLL005V1					
Item	Quantity	Designator	Part Type	Footprint	Description
1	1	U1	ST72F651AR6T1E	TQFP64	Microcontroller
2	1	U2	L6920D	TSSOP8	Step up converter
3	1	U3	STBC08PMR	DFN6	Battery Charger
4	1	U4	M24C02-WMN	S08	EEPROM
5	1	U5	ST2329QTR	QFN10	Voltage translator
6	1	Q1	2STR2215	SOT-23	PNP Transistor
7	2	R1,R2	100	805	Resistor
8	2	R14,R15	200	805	Resistor
9	1	R21	500	805	Resistor
10	1	R18	1k	805	Resistor
11	1	R5	1.5k	805	Resistor
12	4	R3,R4,R23,R24	4.7k	805	Resistor
13	1	R19	5k	805	Resistor
14	7	R6,R7,R8,R9,R11,R20,R22	10k	805	Resistor
15	1	R17	12k	805	Resistor
16	1	R16	16k	805	Resistor
17	1	R10	18k	805	Resistor
18	1	R12	33k	805	Resistor
19	1	R13	200k	805	Resistor
20	1	C17	0.1uF	805	Capacitor
21	1	C15	1uF	805	Capacitor
22	3	C11,C12,C16	4.7uF	805	Capacitor
23	1	C3	10nf	805	Capacitor
24	1	C5	10uF	805	Capacitor
25	2	C1,C2	33pf	805	Capacitor
26	1	C4	47nf	805	Capacitor
27	2	C13,C14	47uF/16V	C1206	Capacitor
28	4	C6,C7,C8,C9	100nF	805	Capacitor
29	1	C10	200nf	805	Capacitor
30	1	XT1	12Mhz	Crystal	Crystal
31	3	H4,H5,J3	2 Pin berg strip	Berg strip	Berg strip
32	1	J3	3 Pin berg strip	Berg strip	Berg strip
33	1	H2	6 Pin berg strip	Berg strip	Berg strip
34	1	H3	2 Pin berg strip	Berg strip	Berg strip
35	3	S1,S2,SW1	Push button switch	4 pin push button switch	Push button switch
36	1	H1	2 x 5 Box header	Box header	ICC connector
37	1	L1	10uH	Axial	Through hole Inductor
38	4	D1,D2,D3,D4	RED LED	805	SMD LED
39	1	P1	PIR Sensor	3 pin connector	Not mounted