

Mixtape1 BOM

DESIGNATOR	PART	VALUE	PACKAGE	DETAILS	PART #	
1	LED	RED	SMT/REVERSE	25 degree, 482mCd	EVERLIGHT, 91-21SURC/S530-A2/TR10	
2	LED	RED	SMT/REVERSE	25 degree, 482mCd	EVERLIGHT, 91-21SURC/S530-A2/TR10	
3	LED	RED	SMT/REVERSE	25 degree, 482mCd	EVERLIGHT, 91-21SURC/S530-A2/TR10	
4	LED	RED	SMT/REVERSE	25 degree, 482mCd	EVERLIGHT, 91-21SURC/S530-A2/TR10	
5	LED	RED	SMT/REVERSE	25 degree, 482mCd	EVERLIGHT, 91-21SURC/S530-A2/TR10	
6	LED	RED	SMT/REVERSE	25 degree, 482mCd	EVERLIGHT, 91-21SURC/S530-A2/TR10	
7	LED	RED	SMT/REVERSE	25 degree, 482mCd	EVERLIGHT, 91-21SURC/S530-A2/TR10	
8	LED	RED	SMT/REVERSE	25 degree, 482mCd	EVERLIGHT, 91-21SURC/S530-A2/TR10	
9	LED	RED	SMT/REVERSE	25 degree, 482mCd	EVERLIGHT, 91-21SURC/S530-A2/TR10	
10	LED	RED	SMT/REVERSE	25 degree, 482mCd	EVERLIGHT, 91-21SURC/S530-A2/TR10	
11	LED	RED	SMT/REVERSE	25 degree, 482mCd	EVERLIGHT, 91-21SURC/S530-A2/TR10	
U1	uC	Atmega328P-AU	32TQFP			
C1	capacitor	10uF	0805	CERAMIC		
C2	capacitor	10uF	0805	CERAMIC		
C3	capacitor	0.1uF	0603	CERAMIC		
C4	capacitor	0.1uF	0603	CERAMIC		
C5	capacitor	0.1uF	0603	CERAMIC		
R1	resistor	100ohm	0603			
R2	resistor	10k	0603			
R3	resistor	10k	0603			
R4	resistor	10k	0603			
R5	resistor	10k	0603			
R6	resistor	10k	0603			
R7	resistor	10k	0603			
R8	resistor	10k	0603			
R9	resistor	10k	0603			
R10	resistor	22M	0603			
R11	resistor	22M	0603			
R12	resistor	22M	0603			
R13	resistor	22M	0603			
R14	resistor	22M	0603			
R15	resistor	22M	0603			
R16	resistor	22M	0603			
R17	resistor	2.2k	0603			
R18	resistor	22M	0603			
S1	switch	slide	SMT		C&K, JS102011SAQN	
J2	1/8" jack	stereo/switched	SMT		Kobiconn 161-2805-E or CUI SJ1-3515-SMT	
BH1	battery holder	CR2032	SMT		MEMORY PROTECTION DEVICES, BK-912	