Component Required

\*PARTLIST,39

BAT1 3.7 VOLT,CELL,1.5V,EID=E

BAT1 3.7 VOLT\_1,CELL,1.5V,EID=1B

BAT1 3.7 VOLT\_2,CELL,1.5V,EID=28

D1,1N4007,1N4007,EID=7,PACKAGE=DO41

D2,1N4007,1N4007,EID=8,PACKAGE=DO41

D3,1N4007,1N4007,EID=9,PACKAGE=DO41

D4,1N4007,1N4007,EID=A,PACKAGE=DO41

D5,RT0805DRD073K92L,LED,CODE="Digikey RT0805DRD073K92L-ND",EID=C,PACKAGE=RESC2012X50,PRIMTYPE=RESISTOR

D6,1N4007,1N4007,EID=14,PACKAGE=DO41

D7,1N4007,1N4007,EID=15,PACKAGE=DO41

D8,1N4007,1N4007,EID=16,PACKAGE=DO41

D9,1N4007,1N4007,EID=17,PACKAGE=DO41

D10,RT0805DRD073K92L,LED\_2,CODE="Digikey RT0805DRD073K92L-ND",EID=19,PACKAGE=RESC2012X50,PRIMTYPE=RESISTOR

D11,1N4007,1N4007,EID=21,PACKAGE=DO41

D12,1N4007,1N4007,EID=22,PACKAGE=DO41

D13,1N4007,1N4007,EID=23,PACKAGE=DO41

D14,1N4007,1N4007,EID=24,PACKAGE=DO41

D15,RT0805DRD073K92L,LED\_3,CODE="Digikey RT0805DRD073K92L-ND",EID=26,PACKAGE=RESC2012X50,PRIMTYPE=RESISTOR

Q1,BD140,BD140,EID=2,PACKAGE=TO126

Q2,BD140,BD140,EID=10,PACKAGE=TO126

Q3,BD140,BD140,EID=1D,PACKAGE=TO126

R1,9C04021A1203FLHF3,20K,CODE="Digikey 311-120KLDKR-ND",EID=1,PACKAGE=RESC1005X40,PRIMTYPE=RESISTOR

R2,10WATT1K,1k,CODE=H1K,EID=3,PACKAGE=RES180,PRIMTYPE=RESISTOR

R3,9C04021A1203FLHF3,120K,CODE="Digikey 311-120KLDKR-ND",EID=5,PACKAGE=RESC1005X40,PRIMTYPE=RESISTOR

R4,3WATT330R,330R,CODE=W330R,EID=B,PACKAGE=RES120,PRIMTYPE=RESISTOR

R5,9C04021A1203FLHF3,20K,CODE="Digikey 311-120KLDKR-ND",EID=F,PACKAGE=RESC1005X40,PRIMTYPE=RESISTOR

R6,10WATT1K,1k,CODE=H1K,EID=11,PACKAGE=RES180,PRIMTYPE=RESISTOR

R7,9C04021A1203FLHF3,120K,CODE="Digikey 311-120KLDKR-ND",EID=13,PACKAGE=RESC1005X40,PRIMTYPE=RESISTOR

R8,3WATT330R,330R,CODE=W330R,EID=18,PACKAGE=RES120,PRIMTYPE=RESISTOR

R9,9C04021A1203FLHF3,20K,CODE="Digikey 311-120KLDKR-ND",EID=1C,PACKAGE=RESC1005X40,PRIMTYPE=RESISTOR

R10,10WATT1K,1k,CODE=H1K,EID=1E,PACKAGE=RES180,PRIMTYPE=RESISTOR

R11,9C04021A1203FLHF3,120K,CODE="Digikey 311-120KLDKR-ND",EID=20,PACKAGE=RESC1005X40,PRIMTYPE=RESISTOR

R12,3WATT330R,330R,CODE=W330R,EID=25,PACKAGE=RES120,PRIMTYPE=RESISTOR

RV1,3005P-1-203,20K,CODE="Digikey 3005P-203-ND",EID=1A,PACKAGE=PRE-MT0.75,STATE=5

RV2,3005P-1-203,20K,CODE="Digikey 3005P-203-ND",EID=D,PACKAGE=PRE-MT0.75,STATE=5

RV3,3005P-1-203,20K,CODE="Digikey 3005P-203-ND",EID=27,PACKAGE=PRE-MT0.75,STATE=5

U1,TL431,TL431,EID=4,PACKAGE=TO226

U2,TL431,TL431,EID=12,PACKAGE=TO226

U3,TL431,TL431,EID=1F,PACKAGE=TO226