

MAXREFDES72# BOM Rev A

Designation	Qty	Description
BT1	1	BATTERY HOLDER; THROUGH HOLE; 12MM COIN CELL RETAINER MEMORY PROTECTION DEVICES INC. BK-890
C1,C4,C5,C8	4	CAPACITOR; SMT (0603); CERAMIC CHIP; 0.1UF; 10V; TOL=10%; MODEL=C0603 SERIES; TG=-55 DEGC TO +125 DEGC; TC=X7R ANY MANUFACTURER
C2,C3	2	CAPACITOR; SMT (0805); CERAMIC CHIP; 10UF; 10V; TOL=10%; MODEL=GRM SERIES; TG=- 55 DEGC TO +125 DEGC; TC=X7R ANY MANUFACTURER GRM21BR71A106KE51
C6,C7	2	CAPACITOR; SMT (0603); CERAMIC CHIP; 1UF; 10V; TOL=10%; MODEL=; TG=-55 DEGC TO +85 DEGC; TC=X5R; ANY MANUFACTURER
C9,C10	2	CAPACITOR; SMT (0805); CERAMIC CHIP; 10UF; 25V; TOL=10%; MODEL=; TG=-55 DEGC TO +125 DEGC; TC=X5R ANY MANUFACTURER
J1	1	CONNECTOR; FEMALE; THROUGH HOLE; SSQ SERIES; STRAIGHT; 10PINS SAMTEC SSQ-110-23-G-S
J2,J3	2	CONNECTOR; FEMALE; THROUGH HOLE; SSQ SERIES; STRAIGHT; 8PINS SAMTEC SSQ-108-23-G-S
J4	1	CONNECTOR; FEMALE; THROUGH HOLE; DUAL ROW HEADER; STRAIGHT; 8PINS SULLINS ELECTRONICS CORP. PPTC042LFBN-RC
J5	1	CONNECTOR; FEMALE; THROUGH HOLE; 0.025" SQ POST SOCKET; STRAIGHT; 6PINS SAMTEC SSW-106-03-T-S
J7	1	CONNECTOR; FEMALE; THROUGH HOLE; 0.025" SQ POST SOCKET; RIGHT ANGLE; 12PINS SAMTEC SSQ-106-02-G-D-RA
R4,R5	2	RESISTOR; 0603; 100K OHM; 5%; 200PPM; 0.10W; THICK FILM ANY MANUFACTURER
R6,R7	2	RESISTOR; 0603; 4.7K OHM; 5%; 200PPM; 0.10W; THICK FILM ANY MANUFACTURER
R8,R10	2	RESISTOR; 0603; 10K OHM; 5%; 200PPM; 0.10W; THICK FILM ANY MANUFACTURER
R9	1	RESISTOR; 0603; 1K OHM; 5%; 200PPM; 0.10W; THICK FILM ANY MANUFACTURER
SW1	1	SWITCH; SPST; SMT; 24V; 0.05A; TACTILE SURFACE MOUNT SWITCH; RCOIL= OHM; RINSULATION= OHM; OMRON B3FS-1000P
U1	1	IC; CLK; +/-5PPM; I2C REAL-TIME CLOCK; NSOIC8 150MIL MAXIM INTEGRATED DS3231MZ+
U2,U3	2	IC; TRANS; QUAD BIDIRECTIONAL LOW-VOLTAGE LOGIC LEVEL TRANSLATOR; TDFN14-EP MAXIM INTEGRATED MAX14611ETD+
U4	1	IC; MUX; BEYOND-THE-RAILS 16:2 MULTIPLEXER; TQFN28-EP 4X4 MAXIM INTEGRATED MAX14661ETI+