

Bill of Materials for A1 v4.0				
Bill of Materials				
Footprint	Comment	Designator	Description	Quantity
CELL HOLDER	CR2032	BT1	Multicell Battery	1
C1206	.1uF 1206	C1, C4, C5, C10, C12, C11, C14, C16, C17, C18, C19, C20, C21, C22, C46, C69	Capacitor	16
C1206	1uF 1206	C13, C15, C57, C70	Capacitor	4
CAP_.1	100uF/25V	C68	Capacitor	1
4148 SMD 1206	1N4148 SMD	D2, D5, D8, D10, D11, D64, D65, D67	LL4148 fast diode	8
FIDUCIAL 2mm	Fiducial - Round	FD1, FD2, FD3	Fiducial	3
PDIP600-P40	PIC18F4620-I/P	MC1	PIC MCU	1
HDR1X18_BURGE_F	Header 18	P1PANEL	Header, 18-Pin	1
HDR1X10_BURGE_F	Header 10	P2 RELAYS, P3 ANALOG	Header, 10-Pin	2
HDR1X20_BURGE_F	Header 20	P4KB	Header, 20-Pin	1
HDR1X4_BURGE_F	Header 4	PSTR1	Header, 4-Pin	1
R1206	4.7K 1206	R1, R2, R25, R31, R32	Resistor	5
R1206	220K 1206	R4, R16, R19, R53, R107, R119	Resistor	6
R1206	1K 1206	R5	Resistor	1
R1206	100K 1206	R6, R9, R11, R12, R15, R17, R18, R21, R22, R24, R76, R118	Resistor	12
R1206	2.2K 1206	R7, R14, R20, R23, R120, R121, R122	Resistor	7
R1206	1M 1206	R8, R10, R62, R64	Resistor	4
R1206	47K 1206	R13, R108	Resistor	2
DIP16	HCF4051BEY	U1, U2	Analog Mux	2
SOIC14_M	LM324D	U3	OpAmp	1
DIP-8	DS1307	U9	Real-Time Clock	1
XTALWATCH	32.768KHz 12.5pf	Y2	Crystal Oscillator	1
pcb 8 x10				1
consumables				1
Approved				83
Suraj K A				