Partslist

PCF8523 RealTimeClock	Description	Name	Manufacturer	Mfg Part#	RoHS	Digikey(alt)	O+1
Abracon LLC	Description	Name	Manufacturer	wiig Part#	RUNS	Digikey(ait)	Qty
Abracon LLC	PCF8523 RealTimeClock	U\$4		PCF8523T/1.118	ves	568-5306-1-ND	1
MCP3208			Abracon LLC				1
2.5V Ref Shunt 0.2% U\$3 Texas Instruments TL4050B25IDBZT yes 296-22799-1-ND 1 IM358 Dual Op-Amp		U\$1.U\$2	Microchip Technology				2
LM358 Dual Op-Amp							1
TVS 4Chan Array	LM358 Dual Op-Amp						1
CR1220 battery holder		U\$17.U\$19.U\$20.U\$21	Diodes Incorporated	D1213A-04SO-7		D1213A-04SO-7DICT-ND	4
CR1220 battery			MPD (Mem Prot Dev)	BC501SM	ves	BC501SM-ND	1
Micro SD socket J\$20							1
3.5mm Stereo Jack SMD	,	J\$20		114-00841-68	ves	114-00841-68-1-ND	1
3.5mm Stereo Jack SMD	5.5x2mm Power Plug SMD	JO	CUI Inc	PJ-002AH-SMT-TR	ves	CP-002AHPJCT-ND	1
2200hm 0.5% 0805 Resistor R1,R2 Commodity yes R11220CRCT-ND 1 4.7K 0.5% 0805 Resistor R3, R5, R7, R29,R31 Commodity yes RR12P1.0KDCT-ND 2 12K 0.5% 0805 Resistor R6, R9, R32 Commodity yes RR12P1.0KDCT-ND 3 200hm 0.5% 0805 Resistor (see below) Commodity yes RR12P1.0KDCT-ND 3 200hm 0.5% 0805 Resistor (see below) Commodity yes RR12P1.0KDCT-ND 1 R8,R12,R16,R20,R24,R28,R36,R40,R44,R48,R52,R56,R57,R58 yes RR12Q20DCT-ND 1 R8,R12,R16,R20,R24,R28,R36,R40,R44,R48,R52,R56,R57,R58 yes 311-1459-1-ND 4 0.1uf 0805 Capacitor C1,C2,C7,C9 Commodity yes 311-1459-1-ND 4 0.1uf 0805 Capacitor C3-C6 Commodity yes 1 PCB UR Recognized yes 1 The PCB can be built in either of two configurations using the following specific parts: Version P1 RES 0 Ohm Jumper 0805 R10, R11 Commodity yes 311-0.0ARTR-ND 2 0mitted J15, J16 CUI Inc PJ-002AH-SMT-TR yes CP-002AHPJCT-ND 2		J1-J14	CUI Inc	SJ-3524-SMT-TR	yes	CP-3524SJCT-ND	14
220ohm 0.5% 0805 Resistor R1,R2 Commodity yes R11220CRCT-ND 1 4.7K 0.5% 0805 Resistor R3, R5, R7, R29,R31 Commodity yes RR12P1.0KDCT-ND 2 12K 0.5% 0805 Resistor R6, R9, R32 Commodity yes RR12P1.0KDCT-ND 3 20ohm 0.5% 0805 Resistor (see below) Commodity yes RR12P1.0KDCT-ND 3 20ohm 0.5% 0805 Resistor (see below) Commodity yes RR12P1.0KDCT-ND 3 20ohm 0.5% 0805 Resistor (see below) Commodity yes RR12Q0DCT-ND 1 R8,R12,R16,R20,R24,R28,R36,R40,R44,R48,R52,R56,R57,R58 yes 311-1459-1-ND 4 0.1uf 0805 Capacitor C1,C2,C7,C9 Commodity yes 311-1459-1-ND 4 0.1uf 0805 Capacitor C3-C6 Commodity yes 2 PCB UR Recognized yes 1 The PCB can be built in either of two configurations using the following specific parts: Version P1 RES 0 Ohm Jumper 0805 R10, R11 Commodity yes 311-0.0ARTR-ND 2 0mitted J15, J16 CUI Inc PJ-002AH-SMT-TR yes CP-002AHPJCT-ND 2	LED trh red/areen	U\$23	Lumex Opto/Components	In SSF-LXH103HGW	ves	67-2237-ND	1
4.7K 0.5% 0805 Resistor R1,R2 Commodity yes RR12P4.7KDCT-ND 2 1K 0.5% 0805 Resistor R3, R5, R7, R29,R31 Commodity yes RR12P1.0KDCT-ND 5 12K 0.5% 0805 Resistor R6, R9, R32 Commodity yes RR12P12.0KDCT-ND 3 200hm 0.5% 0805 Resistor (see below) Commodity yes RR12Q20DCT-ND 1 10uf 0805 Capacitor C1,C2,C7,C9 Commodity yes 311-1459-1-ND 4 0.1uf 0805 Capacitor C3-C6 Commodity yes 311-1459-1-ND 4 PCB UR Recognized yes 1 The PCB can be built in either of two configurations using the following specific parts: Version P1 RES 0 Ohm Jumper 0805 R10, R11 Commodity yes 311-0.0ARTR-ND 2 Omitted J15, J16 Version P3 5.5x2mm Power Plug SMD J15, J16 CUI Inc PJ-002AH-SMT-TR yes CP-002AHPJCT-ND 2		·	'		1		
1K 0.5% 0805 Resistor R3, R5, R7, R29,R31 Commodity yes RR12P1.0KDCT-ND 5 12K 0.5% 0805 Resistor R6, R9, R32 Commodity yes RR12P12.0KDCT-ND 3 200hm 0.5% 0805 Resistor (see below) Commodity yes RR12Q20DCT-ND 1 R8,R12,R16,R20,R24,R28,R36,R40,R44,R48,R52,R56,R57,R58 C1,C2,C7,C9 Commodity yes 311-1459-1-ND 4 0.1uf 0805 Capacitor C3-C6 Commodity yes 311-1459-1-ND 4 PCB UR Recognized yes 1 The PCB can be built in either of two configurations using the following specific parts: Ves 1 Version P1 RES 0 Ohm Jumper 0805 R10, R11 Commodity yes 311-0.0ARTR-ND 2 Omitted J15, J16 CUI Inc PJ-002AH-SMT-TR yes CP-002AHPJCT-ND 2	220ohm 0.5% 0805 Resistor	R4	Commodity		yes	311-220CRCT-ND	1
1K 0.5% 0805 Resistor R3, R5, R7, R29,R31 Commodity yes RR12P1.0KDCT-ND 5 12K 0.5% 0805 Resistor R6, R9, R32 Commodity yes RR12P12.0KDCT-ND 3 20ohm 0.5% 0805 Resistor (see below) Commodity yes RR12Q20DCT-ND 1 R8,R12,R16,R20,R24,R28,R36,R40,R44,R48,R52,R56,R57,R58 10uf 0805 Capacitor C1,C2,C7,C9 Commodity yes 311-1459-1-ND 4 0.1uf 0805 Capacitor C3-C6 Commodity yes 1 4 PCB UR Recognized yes 1 The PCB can be built in either of two configurations using the following specific parts: Version P1 RES 0 Ohm Jumper 0805 R10, R11 Commodity yes 311-0.0ARTR-ND 2 Omitted J15, J16 UI Inc PJ-002AH-SMT-TR yes CP-002AHPJCT-ND 2	4.7K 0.5% 0805 Resistor	R1,R2	Commodity		yes	RR12P4.7KDCT-ND	2
200hm 0.5% 0805 Resistor (see below) Commodity yes RR12Q20DCT-ND 1- R8,R12,R16,R20,R24,R28,R36,R40,R44,R48,R52,R56,R57,R58	1K 0.5% 0805 Resistor	R3, R5, R7, R29,R31			ves	RR12P1.0KDCT-ND	5
R8,R12,R16,R20,R24,R28,R36,R40,R44,R48,R52,R56,R57,R58 10uf 0805 Capacitor	12K 0.5% 0805 Resistor	R6, R9, R32	Commodity		yes	RR12P12.0KDCT-ND	3
10uf 0805 Capacitor C1,C2,C7,C9 Commodity yes 311-1459-1-ND 4 0.1uf 0805 Capacitor C3-C6 Commodity yes 4 PCB UR Recognized yes 1 The PCB can be built in either of two configurations using the following specific parts: Version P1 RES 0 Ohm Jumper 0805 R10, R11 Commodity yes 311-0.0ARTR-ND 2 Omitted J15, J16 J15, J16 CUI Inc PJ-002AH-SMT-TR yes CP-002AHPJCT-ND 2	20ohm 0.5% 0805 Resistor	(see below)	Commodity		yes	RR12Q20DCT-ND	14
0.1uf 0805 Capacitor C3-C6 Commodity yes 4 PCB UR Recognized yes 1 The PCB can be built in either of two configurations using the following specific parts: Version P1 Page 1 2 RES 0 Ohm Jumper 0805 R10, R11 Commodity yes 311-0.0ARTR-ND 2 Omitted J15, J16 J15, J16 CUI Inc PJ-002AH-SMT-TR yes CP-002AHPJCT-ND 2		R8,R12,R16,R20,R24	1,R28,R36,R40,R44,R48,I	R52,R56,R57,R58			
0.1uf 0805 Capacitor C3-C6 Commodity yes 4 PCB UR Recognized yes 1 The PCB can be built in either of two configurations using the following specific parts: Version P1 Page 1 2 RES 0 Ohm Jumper 0805 R10, R11 Commodity yes 311-0.0ARTR-ND 2 Omitted J15, J16 J15, J16 CUI Inc PJ-002AH-SMT-TR yes CP-002AHPJCT-ND 2	10uf 0805 Capacitor	C1,C2,C7,C9	Commodity		yes	311-1459-1-ND	4
The PCB can be built in either of two configurations using the following specific parts: Version P1 RES 0 Ohm Jumper 0805 R10, R11 Commodity yes 311-0.0ARTR-ND 2 Omitted J15, J16 Version P3 5.5x2mm Power Plug SMD J15, J16 CUI Inc PJ-002AH-SMT-TR yes CP-002AHPJCT-ND 2		C3-C6			yes		4
The PCB can be built in either of two configurations using the following specific parts: Version P1 RES 0 Ohm Jumper 0805 R10, R11 Commodity yes 311-0.0ARTR-ND 2 Omitted J15, J16 Version P3 5.5x2mm Power Plug SMD J15, J16 CUI Inc PJ-002AH-SMT-TR yes CP-002AHPJCT-ND 2							
Version P1 RES 0 Ohm Jumper 0805 R10, R11 Commodity yes 311-0.0ARTR-ND 2 Omitted J15, J16 Version P3 CUI Inc PJ-002AH-SMT-TR yes CP-002AHPJCT-ND 2	PCB		UR Recognized		yes		1
Version P1 RES 0 Ohm Jumper 0805 R10, R11 Commodity yes 311-0.0ARTR-ND 2 Omitted J15, J16 Version P3 CUI Inc PJ-002AH-SMT-TR yes CP-002AHPJCT-ND 2							
Version P1 RES 0 Ohm Jumper 0805 R10, R11 Commodity yes 311-0.0ARTR-ND 2 Omitted J15, J16 J15, J16 CUI Inc PJ-002AH-SMT-TR yes CP-002AHPJCT-ND 2							
RES 0 Ohm Jumper 0805 R10, R11 Commodity yes 311-0.0ARTR-ND 2 Omitted J15, J16 Version P3 Version P3 Example of the property of the proper	The PCB can be built in either	of two configuration	s using the following sp	ecific parts:			
RES 0 Ohm Jumper 0805 R10, R11 Commodity yes 311-0.0ARTR-ND 2 Omitted J15, J16 Version P3 Version P3 Example of the property of the proper	Version P1						
Omitted J15, J16 Version P3 Version P3 5.5x2mm Power Plug SMD J15, J16 CUI Inc PJ-002AH-SMT-TR yes CP-002AHPJCT-ND 2		R10 R11	Commodity		VAS	311-0 0ARTR-ND	2
Version P3 Version P3 5.5x2mm Power Plug SMD J15, J16 CUI Inc PJ-002AH-SMT-TR yes CP-002AHPJCT-ND 2	<u> </u>	· · · · · · · · · · · · · · · · · · ·	Commodity		yes	SII-0.0AKTK-ND	
5.5x2mm Power Plug SMD J15, J16 CUI Inc PJ-002AH-SMT-TR yes CP-002AHPJCT-ND 2	Offilited	313, 310					
Omitted R10, R11	5.5x2mm Power Plug SMD	J15, J16	CUI Inc	PJ-002AH-SMT-TR	yes	CP-002AHPJCT-ND	2
		R10, R11					
	Omitted						
	Omitted	+					