

# Real Time Clock Rev.B

Revision: B 25.08.04

Item	Qty	Reference	Value	Type	Manufacturer	Man. P/N	Footprint
1	13	C1,C2,C4,C6,C10,C12,C13,C14, C15,C16,C17,C18,C19	0u1F	X7R	AVX	0805YC104MAT2A	0805
2	2	C11,C20	1u0F	X7R	AVX	0805YC105MAT2A	0805
3	1	C3	1000uF/16V	Electrolit	SANYO	16MV1000FA	CAPMV-FA_10_125
4	1	C7	33uT/25V	Tantalum	Vishay	293D336X9025D2T	Case-D
5	1	C5	2u2F	X7R		0805YC225MAT2A	0805
6	2	C8,C9	18pF	NPO	AVX	0805YA180MAT2A	0805
7	1	D1	B140		Diodes Inc.	B140	SMA
8	1	D2	Red		Kingbright	L-7104EC	LED_3mm
9	1	D3	Green 2mA		Kingbright	L-934LGD	LED_3mm
10	1	J1	HEADER 6X2		Weitronics	144-11-012-10-10	HED6x2
11	1	J2	HEADER 2		Weitronics	143-11-002-10-10	HED2
12	1	J3	HEADER4X2		Weitronics	144-11-008-10-10	HED4x2
13	1	J4	Box 10pin		Molex	87256-1011	BOX5x2
14	1	J5	DB9 Female RA	D-Type	Kycon	K22-E9S-NJ	d_type_9P
15	1	J6	DB25Female RA	D-Type	Kycon	K22-E25S-NJ	d_type_25P
16	1	P1	PHONEJACK		Kycon	RTC Commp	CONPWR
17	2	R2,R23	2R		AVX	CR-21-200J-T	0805
18	2	R4,R5	100R		AVX	CR-21-101J-T	0805
19	1	R3	470R		AVX	CR-21-471J-T	0805
20	3	R10,R14,R15	1K		AVX	CR-21-102J-T	0805
21	1	R16	100K		AVX	CR-21-105J-T	0805
22	6	R8,R9,R11,R12,R21,R22	10K		AVX	CR-21-104J-T	0805
23	1	R13	10M		AVX	CR-21-107J-T	0805
24	1	R17	750R		AVX	CR-21-751J-T	0805
25	1	R18	4K75		AVX	CR-21-4751J-T	0805
26	2	R19,R20	33R		YAGEO	RC2512-330	2512
27	2	SW1,SW2	PUSHBUTTON		Bourns	SDTX-610	PB-TC0112
28	6	TP31,TP33,TP36,TP37,TP41,TP53	Test point	SMT	Keystone	5015	SMT-TP
29	1	U1	L4931CD33		STG	L4931CD33	SO-8
30	1	U3	C8051F300		Cygnal	C8051F300	MLP-11
31	1	U4	74LCX07		National	LM339	SO-14
32	1	U5	MAX3224		Maxim	MAX3224E	SSOP-20
33	1	Y1	32.768 KHz		Gollege	SM26F-A	GWX-38