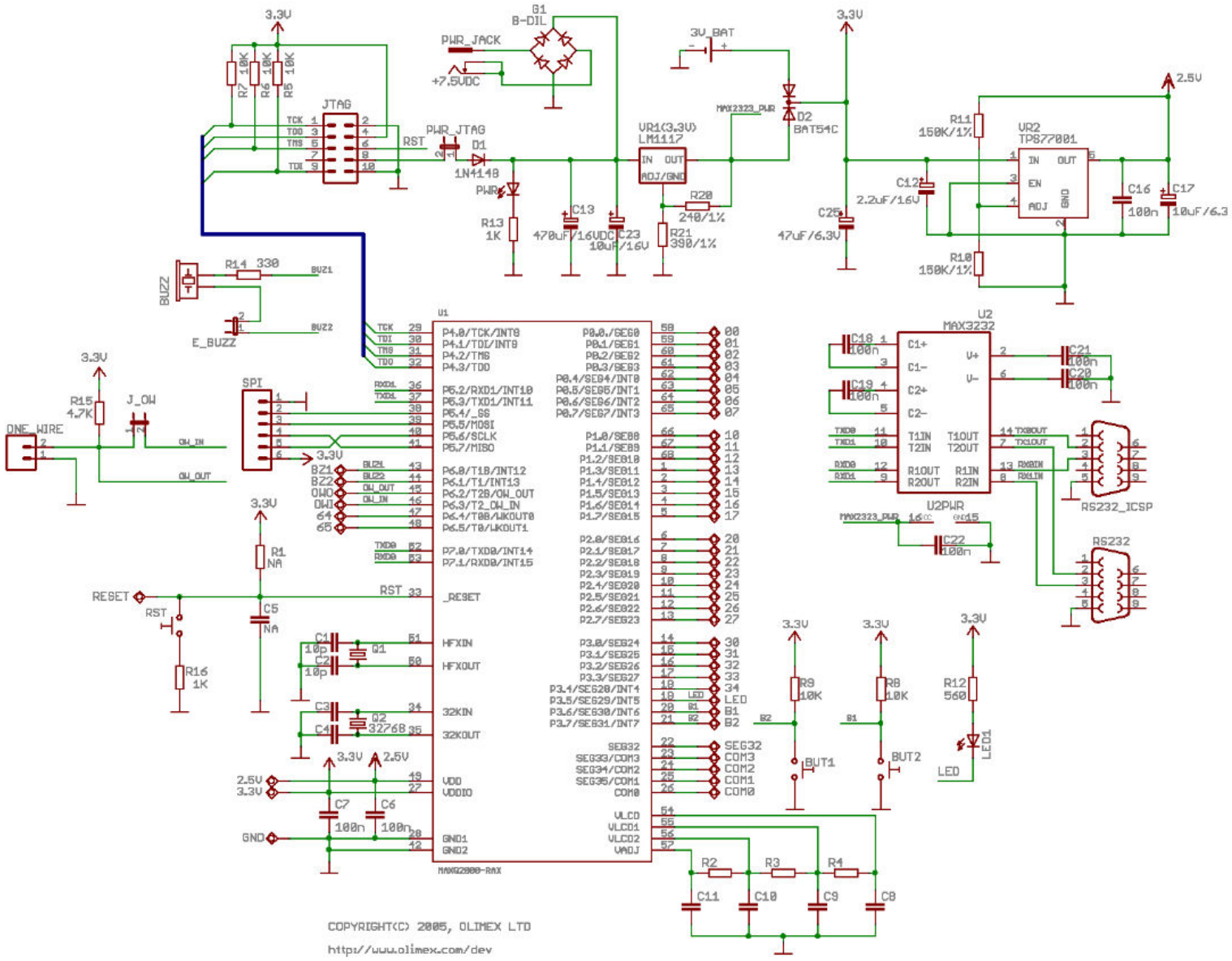
3.3V
G1
B-DIL
PWR_JACK
+7.5VDC
3V_BAT
MAX2323_PWR
D2
BAT54C
VR1(3.3V)
LM1117
IN OUT
ADJ/GND
R20
240/1%
R21
390/1%
C13
470uF/16VDC
C23
10uF/16V
PWR_JACK
D1
1N4148
PWR
R13
1K
R7 10K
R6 10K
R5 10K
JTAG
TCK
TDO
TMS
TDI
RST
2.5V
R11
150K/1%
VR2
TPS77001
IN OUT
EN
ADJ
GND
C12
2.2uF/16V
C25
47uF/6.3V
C16
100n
C17
10uF/6.3
R10
150K/1%
BUZZ
R14 330
BUZ1
BUZ2
E_BUZZ
U1
MAX2000-RAX
P4.0/TCK/INT8
P4.1/TDI/INT9
P4.2/TMS
P4.3/TDO
P6.2/RXD1/INT10
P6.3/TXD1/INT11
P6.4/_SS
P6.5/MOSI
P6.6/SCLK
P6.7/MISO
P6.0/T1B/INT12
P6.1/T1/INT13
P6.2/T2B/OW_OUT
P6.3/T2_OW_IN
P6.4/T0B/WKOUT0
P6.5/T0/WKOUT1
P7.0/TXD0/INT14
P7.1/RXD0/INT15
_RESET
HFXIN
HFXOUT
32KIN
32KOUT
VDD
VDDIO
GND1
GND2
P0.0/SEG0
P0.1/SEG1
P0.2/SEG2
P0.3/SEG3
P0.4/SEG4/INT0
P0.5/SEG5/INT1
P0.6/SEG6/INT2
P0.7/SEG7/INT3
P1.0/SEG8
P1.1/SEG9
P1.2/SEG10
P1.3/SEG11
P1.4/SEG12
P1.5/SEG13
P1.6/SEG14
P1.7/SEG15
P2.0/SEG16
P2.1/SEG17
P2.2/SEG18
P2.3/SEG19
P2.4/SEG20
P2.5/SEG21
P2.6/SEG22
P2.7/SEG23
P3.0/SEG24
P3.1/SEG25
P3.2/SEG26
P3.3/SEG27
P3.4/SEG28/INT4
P3.5/SEG29/INT5
P3.6/SEG30/INT6
P3.7/SEG31/INT7
SEG32
SEG33/COM3
SEG34/COM2
SEG35/COM1
COM0
VLCD
VLCD1
VLCD2
VADJ
LED
B1
B2
U2
MAX3232
C1+
C1-
C2+
C2-
V+
V-
T1IN
T2IN
T1OUT
T2OUT
R1OUT
R2OUT
R1IN
R2IN
U2PWR
MAX2323_PWR
C22
100n
RS232_ICSP
RS232
TX0OUT
TX1OUT
RX0IN
RX1IN
SPI
ONE_WIRE
R15
4.7K
J_OW
OW_IN
OW_OUT
R1
NA
C5
NA
RESET
RST
R16
1K
C1
10p
C2
10p
Q1
C3
C4
Q2
32768
C7
100n
C6
100n
R9
10K
R8
10K
R12
560
BUT1
BUT2
LED1
R2
R3
R4
C11
C10
C9
C8
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