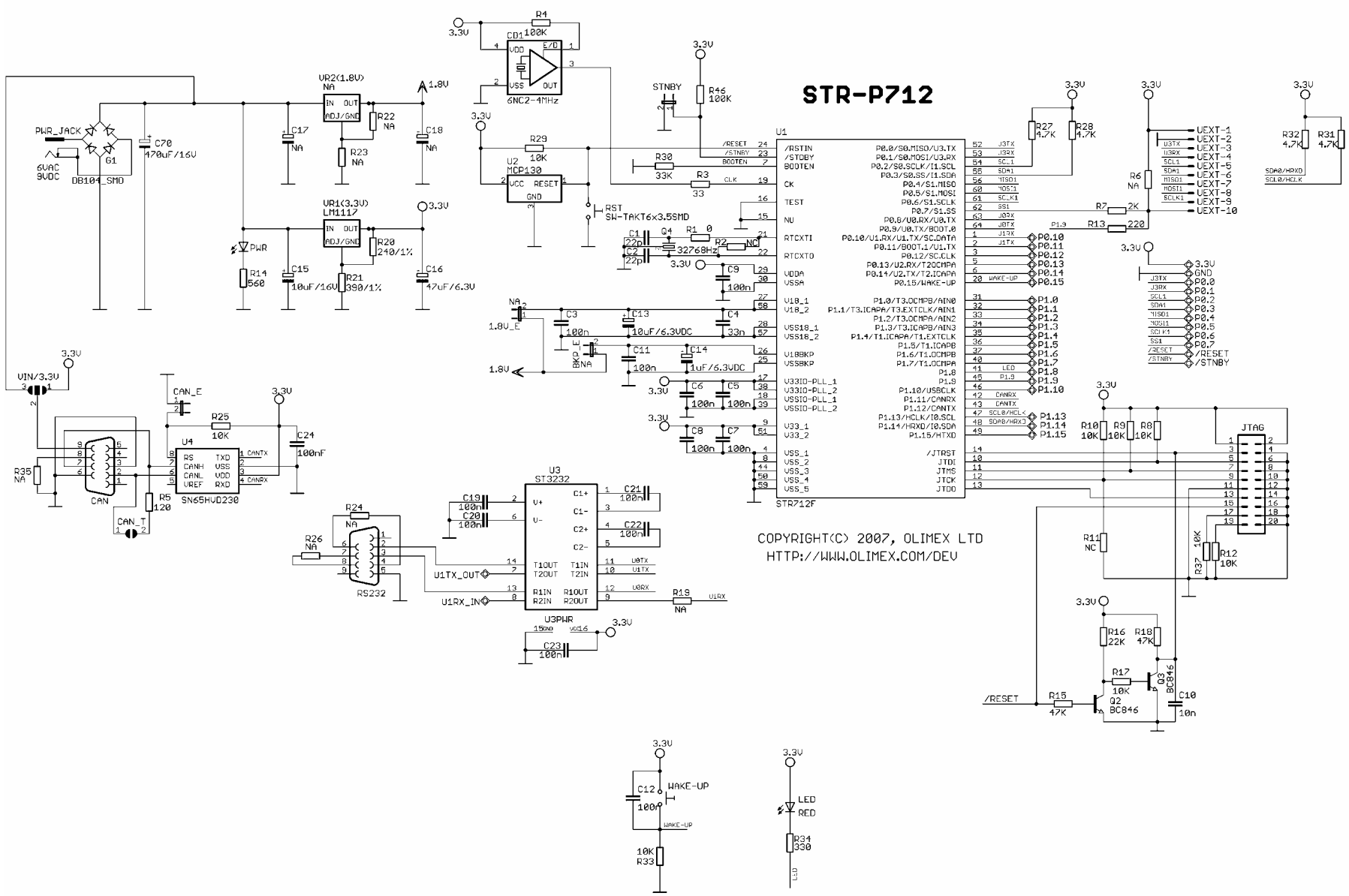
STR-P712
COPYRIGHT(C) 2007, OLIMEX LTD
HTTP://WWW.OLIMEX.COM/DEV
PWR_JACK
6VAC
9VDC
DB104_SMD
G1
C70
470uF/16V
VR2(1.8V)
NA
VR1(3.3V)
LM1117
ADJ/GND
R22
NA
R23
NA
C17
NA
C18
NA
R20
240/1%
R21
390/1%
C15
10uF/16V
C16
47uF/6.3V
R14
560
PWR
1.8V
3.3V
R1
100K
CD1
VDD
VSS
E/D
OUT
6NC2-4MHz
R29
10K
U2
MCP130
VCC
RESET
GND
STNBY
R46
100K
R30
33K
R3
33
RST
SW-TAKT6x3.5SMD
C1
22p
C2
22p
Q4
32768Hz
R1
0
R2
NC
C9
100n
NA
1.8V_E
C3
100n
C13
10uF/6.3VDC
C4
33n
BKP_E
NA
C11
100n
C14
1uF/6.3VDC
C6
100n
C5
100n
C8
100n
C7
100n
U1
/RSTIN
/STDBY
BOOTEN
CK
TEST
NU
RTCXTI
RTCXTO
VDDA
VSSA
VI8_1
VI8_2
VSS18_1
VSS18_2
VI8BKP
VSSBKP
VI33IO-PLL_1
VI33IO-PLL_2
VSSIO-PLL_1
VSSIO-PLL_2
VI33_1
VI33_2
VSS_1
VSS_2
VSS_3
VSS_4
VSS_5
P0.0/S0.MISO/U3.TX
P0.1/S0.MOSI/U3.RX
P0.2/S0.SCLK/I1.SCL
P0.3/S0.SS/I1.SDA
P0.4/S1.MISO
P0.5/S1.MOSI
P0.6/S1.SCLK
P0.7/S1.SS
P0.8/U0.RX/U0.TX
P0.9/U0.TX/BOOT.0
P0.10/U1.RX/U1.TX/SC.DATA
P0.11/BOOT.1/U1.TX
P0.12/SC.CLK
P0.13/U2.RX/T2.OCMPA
P0.14/U2.TX/T2.ICAPA
P0.15/WAKE-UP
P1.0/T3.OCMPB/AIN0
P1.1/T3.ICAPA/T3.EXTCLK/AIN1
P1.2/T3.OCMPA/AIN2
P1.3/T3.ICAPB/AIN3
P1.4/T1.ICAPA/T1.EXTCLK
P1.5/T1.ICAPB
P1.6/T1.OCMPB
P1.7/T1.OCMPA
P1.8
P1.9
P1.10/USBCLK
P1.11/CANRX
P1.12/CANTX
P1.13/HCLK/I0.SCL
P1.14/HRXD/I0.SDA
P1.15/HTXD
/JTRST
JTDI
JTMS
JTCK
JTDO
STR712F
R27
4.7K
R28
4.7K
R6
NA
R7
2K
R13
220
R32
4.7K
R31
4.7K
UEXT-1
UEXT-2
UEXT-3
UEXT-4
UEXT-5
UEXT-6
UEXT-7
UEXT-8
UEXT-9
UEXT-10
GND
P0.0
P0.1
P0.2
P0.3
P0.4
P0.5
P0.6
P0.7
/RESET
/STNBY
VIN/3.3V
CAN_E
R25
10K
C24
100nF
U4
RS
CANH
CANL
VREF
TXD
VSS
VDD
RXD
CANTX
CANRX
SN65HVD230
CAN
R35
NA
R5
120
CAN_T
R24
NA
R26
NA
RS232
U3
ST3232
V+
V-
C1+
C1-
C2+
C2-
T1OUT
T2OUT
R1IN
R2IN
T1IN
T2IN
R1OUT
R2OUT
C19
100n
C20
100n
C21
100n
C22
100n
U1TX_OUT
U1RX_IN
U0TX
U1TX
U0RX
U1RX
R19
NA
U3PWR
15GND
VCC16
C23
100n
R10
10K
R9
10K
R8
10K
JTAG
R11
NC
R37
10K
R12
10K
R16
22K
R18
47K
R17
10K
Q3
BC846
R15
47K
Q2
BC846
C10
10n
/RESET
C12
100n
WAKE-UP
10K
R33
LED
RED
R34
330