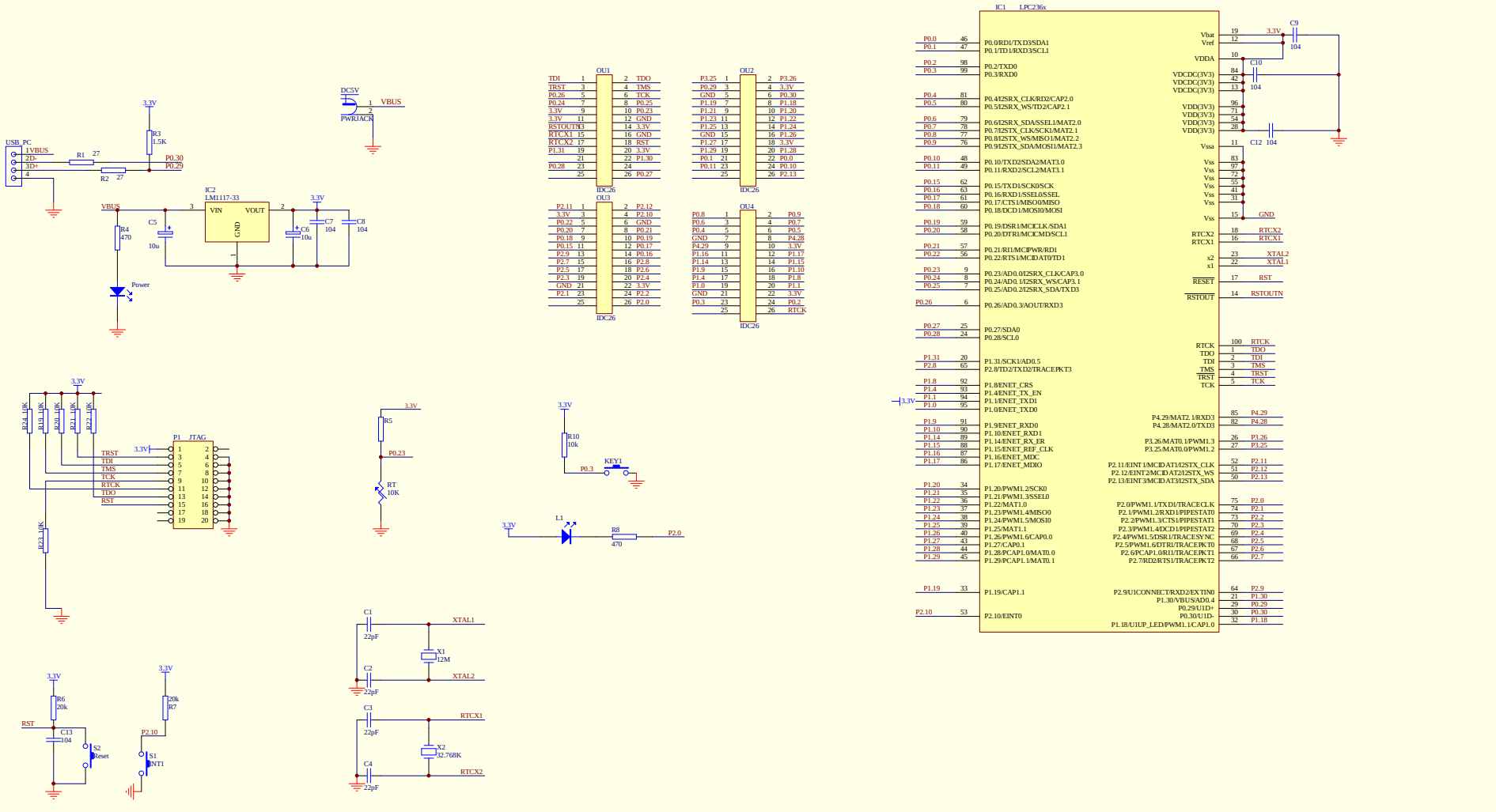
IC1 LPC236x
OU1 IDC26
OU2 IDC26
OU3 IDC26
OU4 IDC26
DC5V
PWRJACK
VBUS
USB_PC
1VBUS
2D-
3D+
4
R1 27
R2 27
R3 1.5K
P0.30
P0.29
3.3V
IC2
LM1117-33
VIN
VOUT
GND
C5 10u
C6 10u
C7 104
C8 104
R4 470
Power
C9 104
C10 104
C12 104
P1 JTAG
TRST
TDI
TMS
TCK
RTCK
TDO
RST
R24 10K
R19 10K
R20 10K
R21 10K
R22 10K
R23 10K
R5 10K
RT 10K
R10 10k
KEY1
L1
R8 470
P2.0
C1 22pF
C2 22pF
C3 22pF
C4 22pF
X1 12M
X2 32.768K
XTAL1
XTAL2
RTCX1
RTCX2
R6 20k
C13 104
S2 Reset
R7 20k
S1 INT1
P2.10
P0.0/RD1/TXD3/SDA1
P0.1/TD1/RXD3/SCL1
P0.2/TXD0
P0.3/RXD0
P0.4/I2SRX_CLK/RD2/CAP2.0
P0.5/I2SRX_WS/TD2/CAP2.1
P0.6/I2SRX_SDA/SSEL1/MAT2.0
P0.7/I2STX_CLK/SCK1/MAT2.1
P0.8/I2STX_WS/MISO1/MAT2.2
P0.9/I2STX_SDA/MOSI1/MAT2.3
P0.10/TXD2/SDA2/MAT3.0
P0.11/RXD2/SCL2/MAT3.1
P0.15/TXD1/SCK0/SCK
P0.16/RXD1/SSEL0/SSEL
P0.17/CTS1/MISO0/MISO
P0.18/DCD1/MOSI0/MOSI
P0.19/DSR1/MCICLK/SDA1
P0.20/DTR1/MCICMD/SCL1
P0.21/RI1/MCIPWR/RD1
P0.22/RTS1/MCIDAT0/TD1
P0.23/AD0.0/I2SRX_CLK/CAP3.0
P0.24/AD0.1/I2SRX_WS/CAP3.1
P0.25/AD0.2/I2SRX_SDA/TXD3
P0.26/AD0.3/AOUT/RXD3
P0.27/SDA0
P0.28/SCL0
P1.31/SCK1/AD0.5
P2.8/TD2/TXD2/TRACEPKT3
P1.8/ENET_CRS
P1.4/ENET_TX_EN
P1.1/ENET_TXD1
P1.0/ENET_TXD0
P1.9/ENET_RXD0
P1.10/ENET_RXD1
P1.14/ENET_RX_ER
P1.15/ENET_REF_CLK
P1.16/ENET_MDC
P1.17/ENET_MDIO
P1.20/PWM1.2/SCK0
P1.21/PWM1.3/SSEL0
P1.22/MAT1.0
P1.23/PWM1.4/MISO0
P1.24/PWM1.5/MOSI0
P1.25/MAT1.1
P1.26/PWM1.6/CAP0.0
P1.27/CAP0.1
P1.28/PCAP1.0/MAT0.0
P1.29/PCAP1.1/MAT0.1
P1.19/CAP1.1
P2.10/EINT0
Vbat
Vref
VDDA
VDCDC(3V3)
VDD(3V3)
Vssa
Vss
RTCX2
RTCX1
x2
x1
RESET
RSTOUT
RSTOUTN
RTCK
TDO
TDI
TMS
TRST
TCK
P4.29/MAT2.1/RXD3
P4.28/MAT2.0/TXD3
P3.26/MAT0.1/PWM1.3
P3.25/MAT0.0/PWM1.2
P2.11/EINT1/MCIDAT1/I2STX_CLK
P2.12/EINT2/MCIDAT2/I2STX_WS
P2.13/EINT3/MCIDAT3/I2STX_SDA
P2.0/PWM1.1/TXD1/TRACECLK
P2.1/PWM1.2/RXD1/PIPESTAT0
P2.2/PWM1.3/CTS1/PIPESTAT1
P2.3/PWM1.4/DCD1/PIPESTAT2
P2.4/PWM1.5/DSR1/TRACESYNC
P2.5/PWM1.6/DTR1/TRACEPKT0
P2.6/PCAP1.0/RI1/TRACEPKT1
P2.7/RD2/RTS1/TRACEPKT2
P2.9/U1CONNECT/RXD2/EXTIN0
P1.30/VBUS/AD0.4
P0.29/U1D+
P0.30/U1D-
P1.18/U1UP_LED/PWM1.1/CAP1.0
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Size
C
FCSM No.
DWG No.
Rev
Scale
Sheet
0 of 0