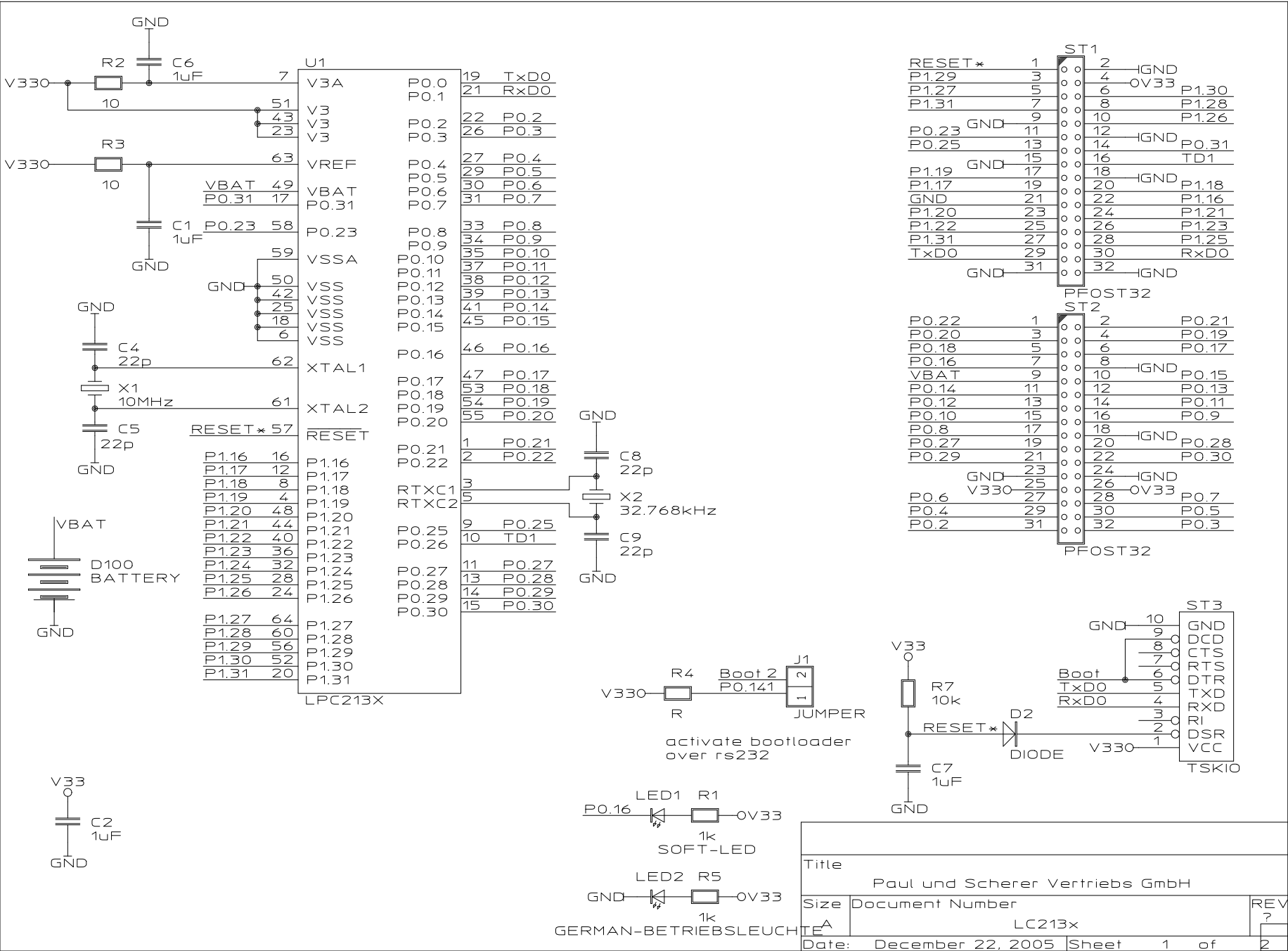
GND
R2
C6
1uF
V330
10
U1
V3A
V3
V3
V3
R3
V330
10
VREF
VBAT
P0.31
VBAT
P0.31
C1
1uF
P0.23
P0.23
GND
VSSA
GND
VSS
VSS
VSS
VSS
GND
C4
22p
XTAL1
X1
10MHz
XTAL2
C5
22p
GND
RESET*
RESET
P1.16
P1.17
P1.18
P1.19
P1.20
P1.21
P1.22
P1.23
P1.24
P1.25
P1.26
P1.27
P1.28
P1.29
P1.30
P1.31
P0.0
P0.1
P0.2
P0.3
P0.4
P0.5
P0.6
P0.7
P0.8
P0.9
P0.10
P0.11
P0.12
P0.13
P0.14
P0.15
P0.16
P0.17
P0.18
P0.19
P0.20
P0.21
P0.22
P0.23
P0.24
P0.25
P0.26
P0.27
P0.28
P0.29
P0.30
LPC213X
TxD0
RxD0
P0.2
P0.3
P0.4
P0.5
P0.6
P0.7
P0.8
P0.9
P0.10
P0.11
P0.12
P0.13
P0.14
P0.15
P0.16
P0.17
P0.18
P0.19
P0.20
P0.21
P0.22
RTXC1
RTXC2
P0.25
TD1
P0.27
P0.28
P0.29
P0.30
GND
C8
22p
X2
32.768kHz
C9
22p
GND
VBAT
D100
BATTERY
GND
V33
C2
1uF
GND
ST1
RESET*
P1.29
P1.27
P1.31
GND
P0.23
P0.25
GND
P1.19
P1.17
GND
P1.20
P1.22
P1.31
TxD0
GND
GND
OV33
P1.30
P1.28
P1.26
GND
P0.31
TD1
GND
P1.18
P1.16
P1.21
P1.23
P1.25
RxD0
GND
PFOST32
ST2
P0.22
P0.20
P0.18
P0.16
VBAT
P0.14
P0.12
P0.10
P0.8
P0.27
P0.29
GND
V330
P0.6
P0.4
P0.2
GND
OV33
P0.21
P0.19
P0.17
GND
P0.15
P0.13
P0.11
P0.9
GND
P0.28
P0.30
GND
OV33
P0.7
P0.5
P0.3
PFOST32
R4
Boot 2
P0.141
V330
R
J1
JUMPER
activate bootloader
over rs232
V33
R7
10k
RESET*
D2
DIODE
C7
1uF
GND
ST3
GND
Boot
TxD0
RxD0
V330
GND
DCD
CTS
RTS
DTR
TXD
RXD
RI
DSR
VCC
TSKIO
LED1
R1
P0.16
OV33
1k
SOFT-LED
LED2
R5
GND
OV33
1k
GERMAN-BETRIEBSLEUCHTE
Title
Paul und Scherer Vertriebs GmbH
Size
A
Document Number
LC213x
REV
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Date:
December 22, 2005
Sheet
1
of
2