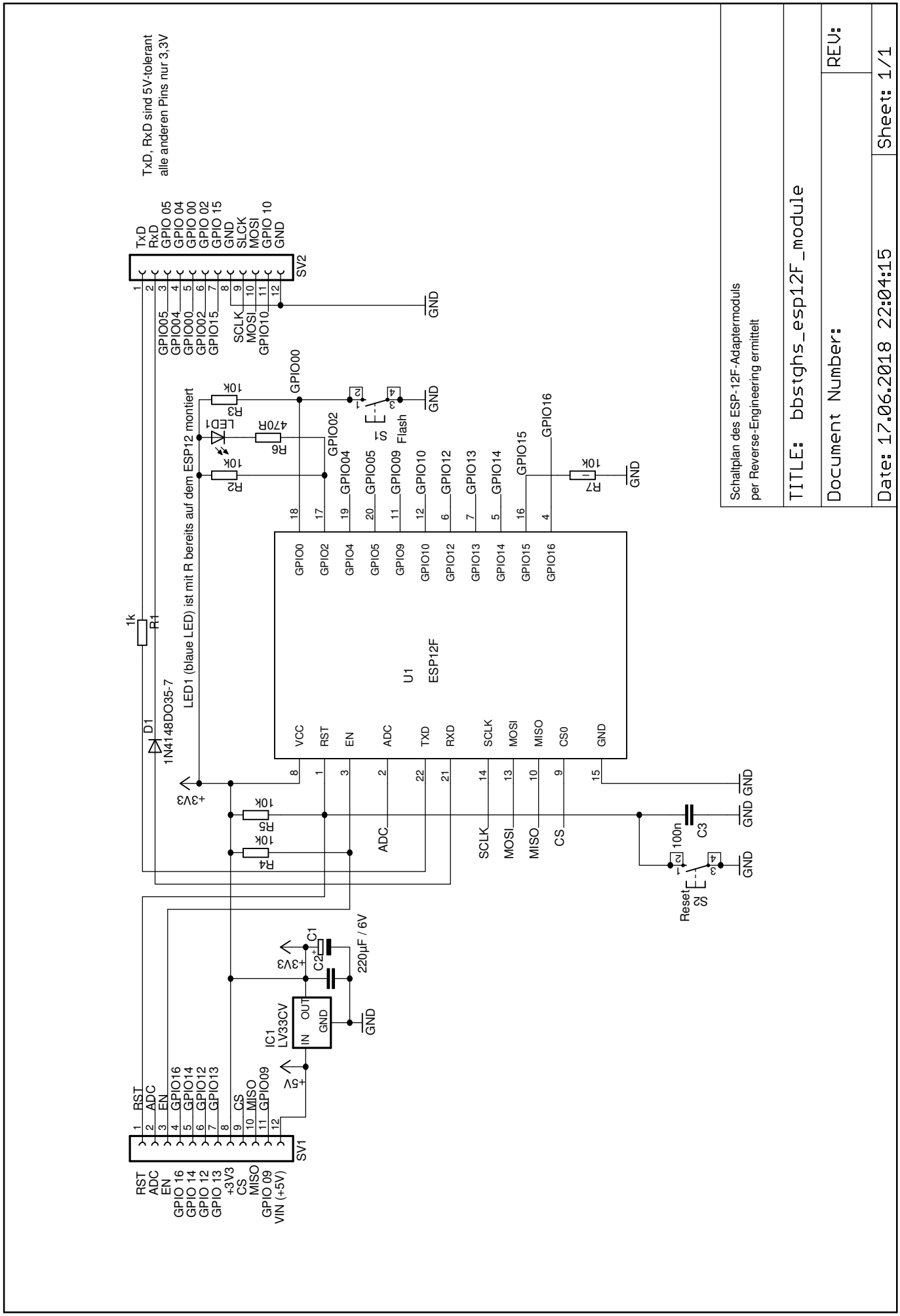
TxD, RxD sind 5V-tolerant
alle anderen Pins nur 3,3V
SV2
TxD
RxD
GPIO 05
GPIO 04
GPIO 00
GPIO 02
GPIO 15
GND
SLCK
MOSI
GPIO 10
GND
GPIO05
GPIO04
GPIO00
GPIO02
GPIO15
SCLK
MOSI
GPIO10
GND
GPIO00
R3
10k
LED1
470R
R6
R2
10k
S1
Flash
GND
GPIO02
GPIO04
GPIO05
GPIO9
GPIO10
GPIO12
GPIO13
GPIO14
GPIO15
GPIO16
R7
10k
GND
LED1 (blaue LED) ist mit R bereits auf dem ESP12 montiert
1k
R1
D1
1N4148DO35-7
+3V3
U1
ESP12F
VCC
RST
EN
ADC
TXD
RXD
SCLK
MOSI
MISO
CS0
GND
R5
10k
R4
10k
ADC
SCLK
MOSI
MISO
CS
C3
100n
GND
GND
GND
S2
Reset
C1
220µF / 6V
C2
+3V3
IC1
LV33CV
IN
OUT
GND
+5V
GND
SV1
RST
ADC
EN
GPIO 16
GPIO 14
GPIO 12
GPIO 13
+3V3
CS
MISO
GPIO 09
VIN (+5V)
Schaltplan des ESP-12F-Adaptermoduls
per Reverse-Engineering ermittelt
TITLE: bbstghs_esp12F_module
Document Number:
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