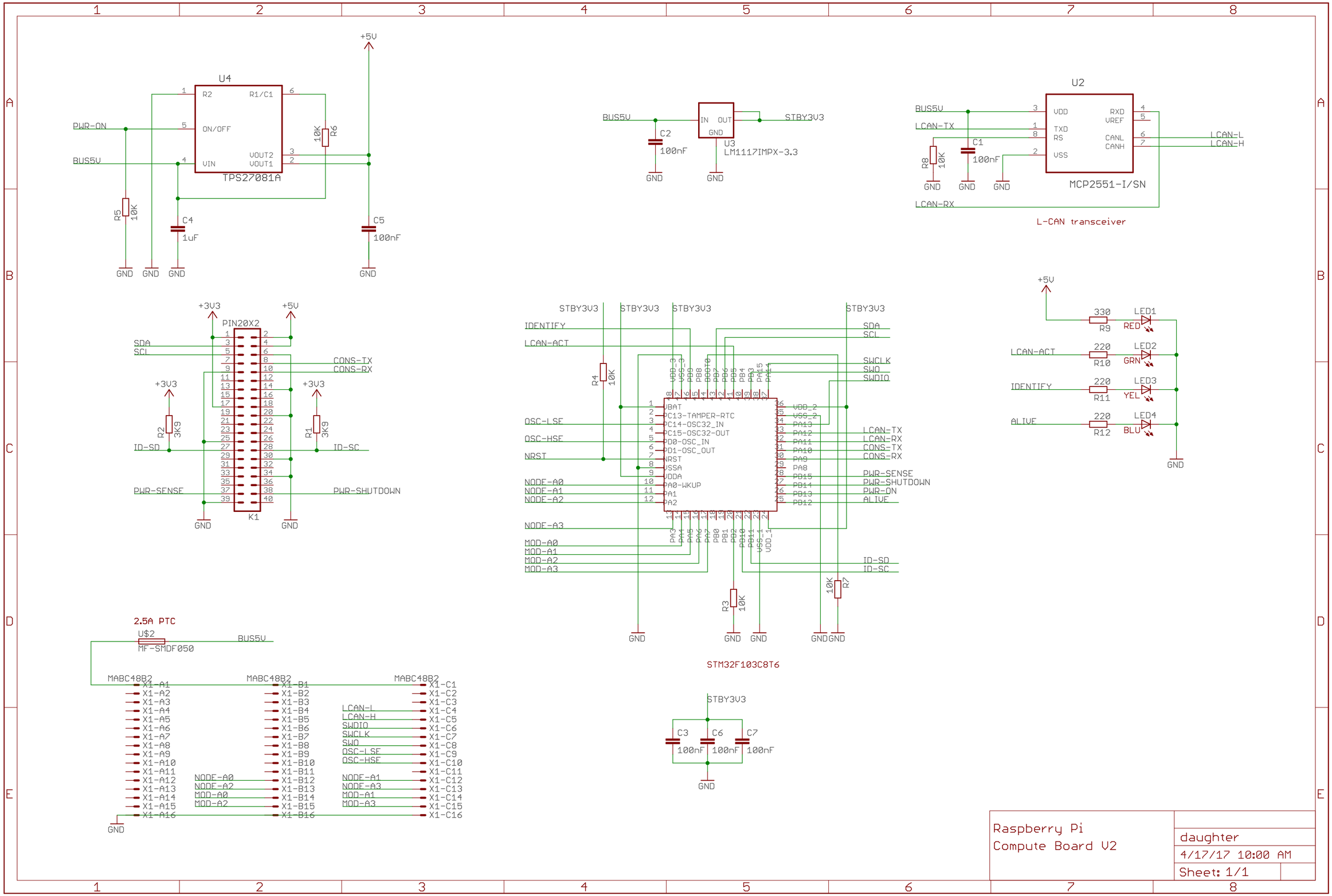
U4
TPS27081A
R2
R1/C1
ON/OFF
VIN
VOUT2
VOUT1
PWR-ON
BUS5V
+5V
R5 10K
R6 10K
C4 1uF
C5 100nF
GND
U3
LM1117IMPX-3.3
IN
OUT
GND
C2 100nF
STBY3V3
U2
MCP2551-I/SN
VDD
TXD
RS
VSS
RXD
VREF
CANL
CANH
LCAN-TX
LCAN-RX
LCAN-L
LCAN-H
R8 10K
C1 100nF
L-CAN transceiver
PIN20X2
K1
+3V3
SDA
SCL
CONS-TX
CONS-RX
R2 3K9
R1 3K9
ID-SD
ID-SC
PWR-SENSE
PWR-SHUTDOWN
STM32F103C8T6
VBAT
PC13-TAMPER-RTC
PC14-OSC32_IN
PC15-OSC32-OUT
PD0-OSC_IN
PD1-OSC_OUT
NRST
VSSA
VDDA
PA0-WKUP
PA1
PA2
PA13
PA12
PA11
PA10
PA9
PA8
PB15
PB14
PB13
PB12
IDENTIFY
LCAN-ACT
OSC-LSE
OSC-HSE
NODE-A0
NODE-A1
NODE-A2
NODE-A3
MOD-A0
MOD-A1
MOD-A2
MOD-A3
SWCLK
SWO
SWDIO
R4 10K
R3 10K
R7 10K
330 R9 LED1 RED
220 R10 LED2 GRN
220 R11 LED3 YEL
220 R12 LED4 BLU
ALIVE
2.5A PTC
U$2
MF-SMDF050
MABC48B2
X1-A1
X1-A2
X1-A3
X1-A4
X1-A5
X1-A6
X1-A7
X1-A8
X1-A9
X1-A10
X1-A11
X1-A12
X1-A13
X1-A14
X1-A15
X1-A16
X1-B1
X1-B2
X1-B3
X1-B4
X1-B5
X1-B6
X1-B7
X1-B8
X1-B9
X1-B10
X1-B11
X1-B12
X1-B13
X1-B14
X1-B15
X1-B16
X1-C1
X1-C2
X1-C3
X1-C4
X1-C5
X1-C6
X1-C7
X1-C8
X1-C9
X1-C10
X1-C11
X1-C12
X1-C13
X1-C14
X1-C15
X1-C16
C3 100nF
C6 100nF
C7 100nF
Raspberry Pi
Compute Board V2
daughter
4/17/17 10:00 AM
Sheet: 1/1