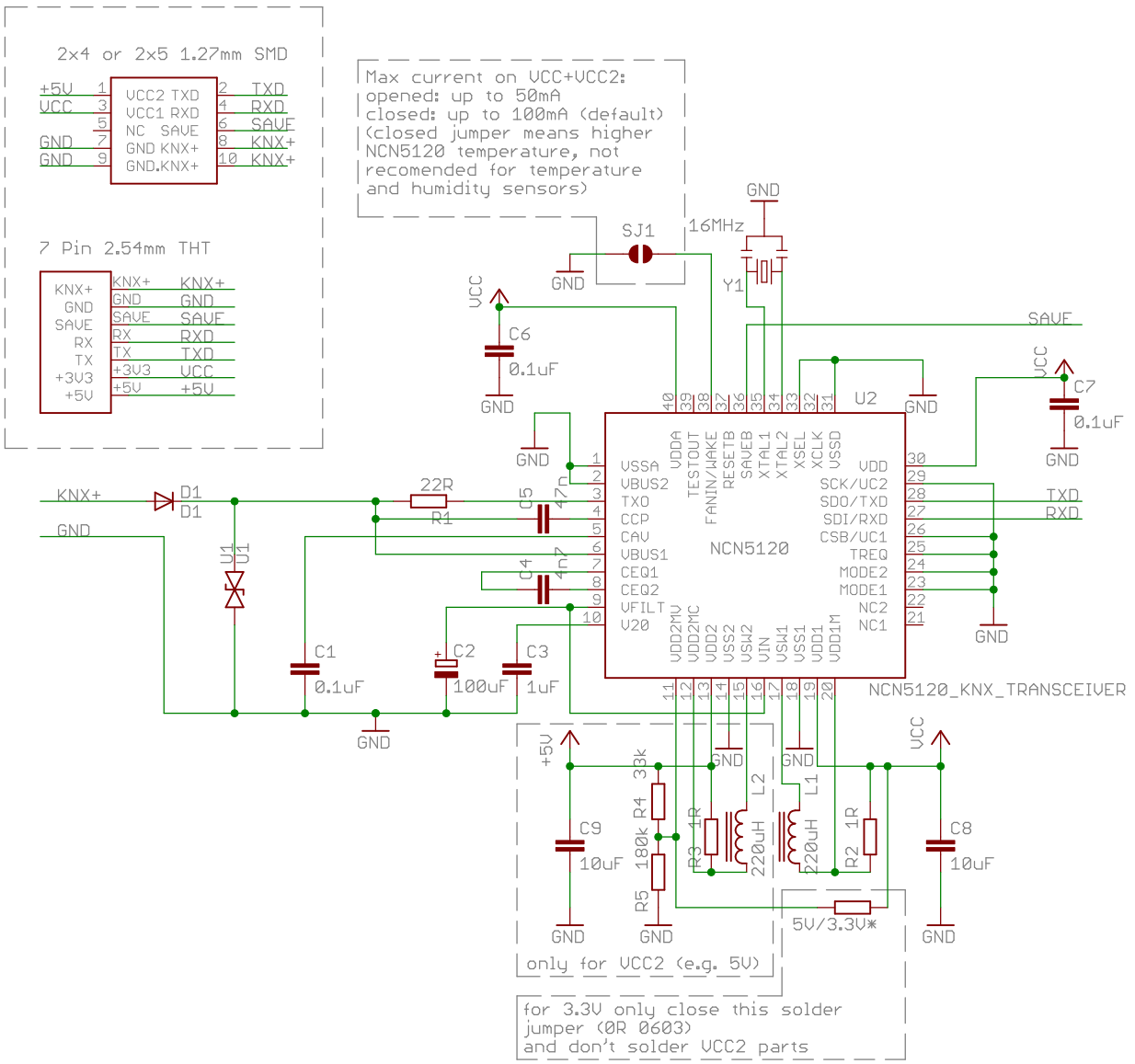

D1: SS16T3G
U1: 1SMA40CAT3G
Y1: 16MHz 3215
L1,L2: SRR4028-221Y
C1,C6,C7: 0.1uF 50V 0603
C2: 100uF 35V 7343 Tantalum or Alu
C3: 1uF 50V 0603
C4: 4.7nF 25V 0603
C5: 47nF 50V 0603
C8,C9: 10uF >=6.3V 0603 (voltage>VCC)
R1: 22R 2512
R2,R3: 1R 0603
R4: 33k 0603*
R5: 180k 0603*
for 5V 33k+180k, for other voltages
see NCN5120 datasheet

Logic level (RXD,TXD,SAVE): 3.3V
UART settings: 19200kbps, even, 1 parity bit

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