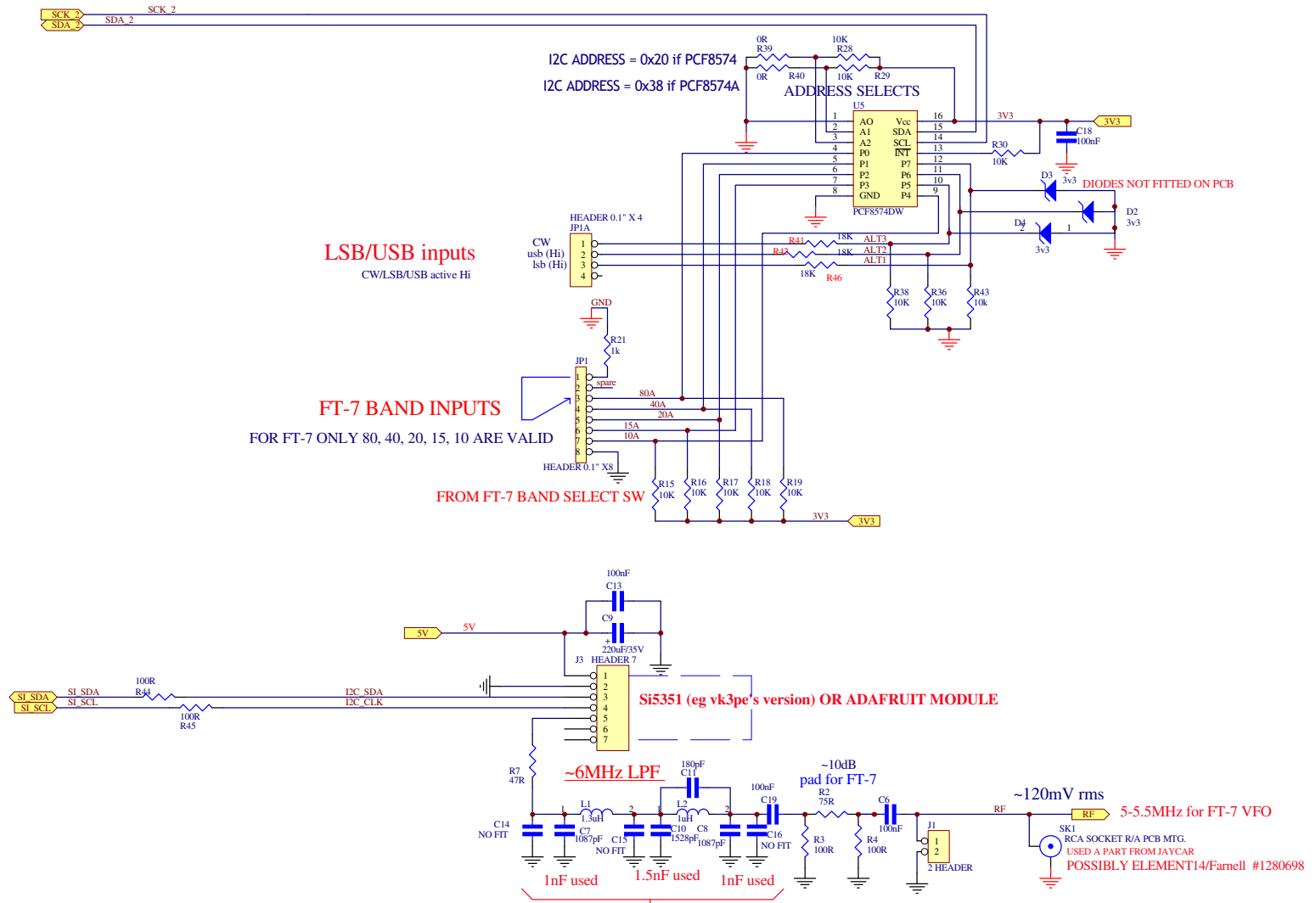


V2.0 FT-7, BAND INPUT & LSB/USB SELECT USING I2C BUS

SEPT 12TH 2025



LSB/USB inputs
CW/LSB/USB active Hi

FT-7 BAND INPUTS
FOR FT-7 ONLY 80, 40, 20, 15, 10 ARE VALID

I2C ADDRESS = 0x20 if PCF8574
I2C ADDRESS = 0x38 if PCF8574A

ADDRESS SELECTS

FROM FT-7 BAND SELECT SW

Si5351 (eg vk3pe's version) OR ADAFRUIT MODULE

~6MHz LPF
~10dB pad for FT-7
~120mV rms
5-5.5MHz for FT-7 VFO

NOTE" caps to be NPO/COG types

Sept 12th 2025 corrected part number in address info
250319 V2 added inputs for LSB/USB and PTT
250319

Title PCF8574.SCH		DRAWN BY: VK3PE	
Size: A3	Date: 12-Sep-2025	Sheet 2	of 2
Time: 18:32:23		(C) 2007-2019	