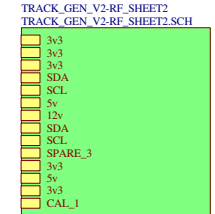
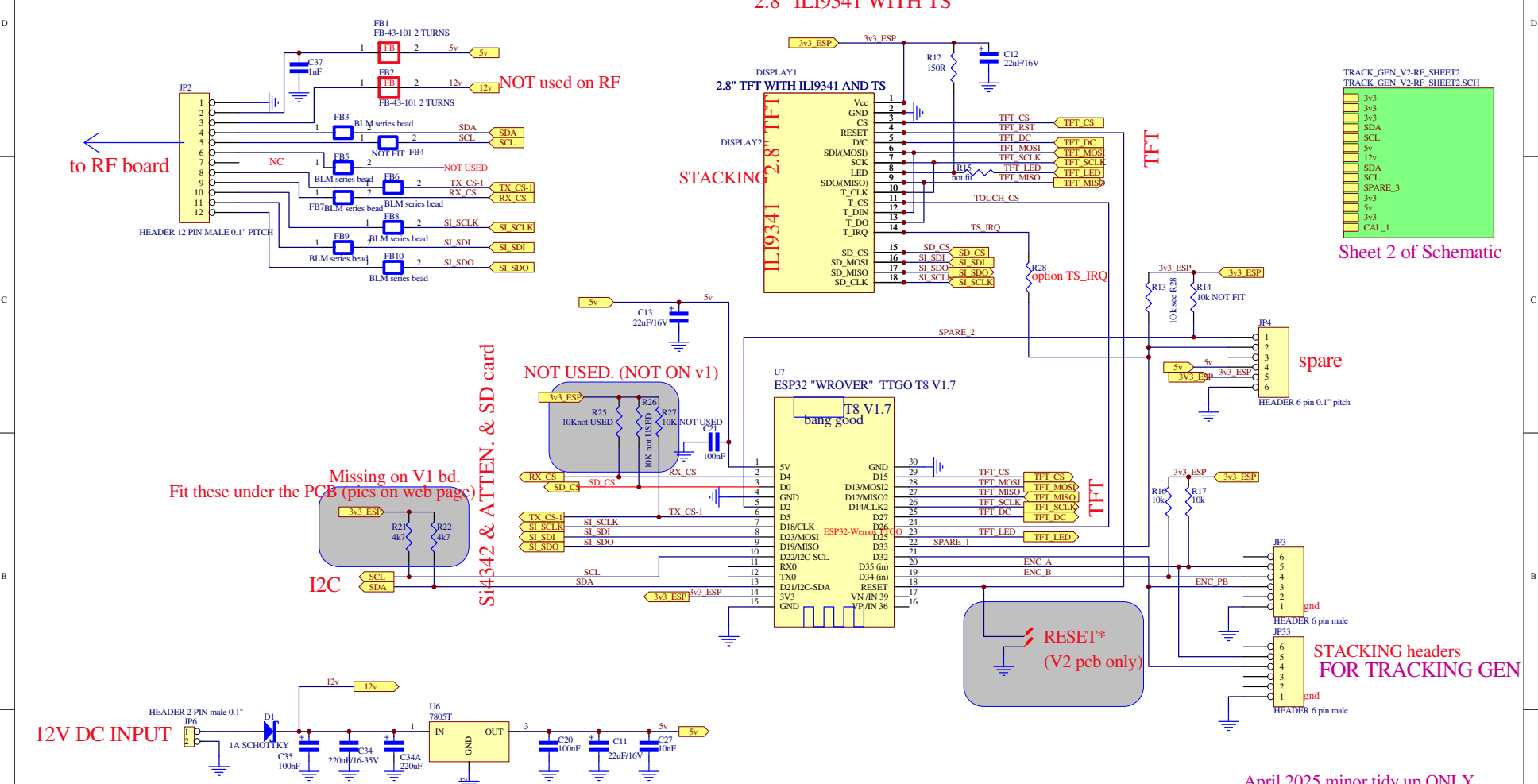


tinySA CONTROL SECTION V3 WITH TRACKING GEN

April 2025



Sheet 2 of Schematic

This Schematic is based on original work by PDOEK for a simple and low cost Spectrum Analyzer, known as "tinySA".
 The Schematic now uses an ESP32 Micro instead of original NANO board.
 Bill of material, and other build documents will soo be available at www.carnut.info/tinySA.
 Software, see Groups.io HBTE group.

VK3PE web page, more details: www.carnut.info/tinySA.html

April 2025 minor tidy up ONLY
 8th July 2020, tidy up/clarify
 23rd June do NOT fit R14!
 ADDED RESET PADS ON PCB
 17th Apr 2020 added r28 TS_IRQ
 14th April minor tidy up
 31st mar swapped ix and rx CS/PCB = tinySA_V2b.PCB
 V2 PCB 290320 DRAFT
 100320_1 Vers 1.0 pcb
 FEB 2020 ROUGH DRAFT

Based on original design by Erik, PDOEK

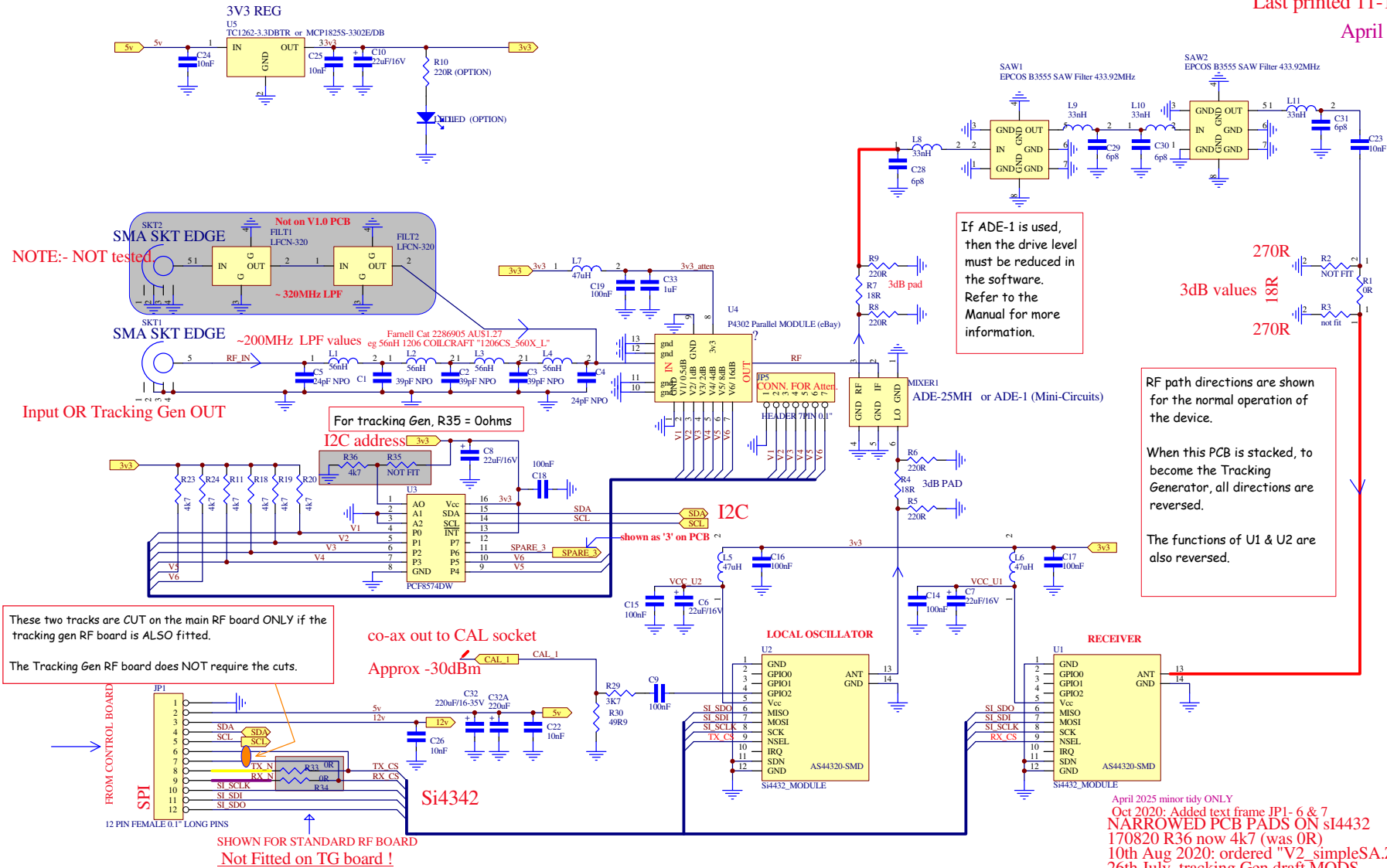
ref HBTE groups.io "https://groups.io/g/HBTE"

Title: simpleSA control PCB		DRAWN BY: VK3PE	
Size: A3	Date: 10-Jun-2025	Sheet 1 of 2	(C) 2007-2019
	Time: 09:59:45		

V2.0 pcb:- RF Board or Tracking Gen for "simpleSA"

Last printed 11-10-20

April 2025



April 2025 minor tidy ONLY
 Oct 2020: Added text frame JP1- 6 & 7
 NARROWED PCB PADS ON si4432
 170820 R36 now 4k7 (was 0R)
 10th Aug 2020: ordered "V2_simpleSA.ZIP"
 26th July tracking Gen draft MODS

V3_TRACKa4.PCB
 ordered as "V2_simpleSA.ZIP"

File:	simpleSA sheet2			DRAWN BY:	VK3PE
Size:	A3	Date:	10-Jun-2025	Sheet	2
		Time:	10:01:31	of	2
					(C) 2007-2019