



SDR Cube Transceiver

Online

Assembly

Guide

Detailed construction notes for building and testing each of the SDR Cube kit modules

[Home](#) [Bill of Materials](#) [I/O Board](#) [Controls Board](#) [DSP Board](#) [Softrock SR-Base](#) [Softrock TX/PA](#)
[RXAMP](#) [X-LPF](#) [Internal Cable Set](#) [External Cable Set](#) [Main Enclosure](#) [Accessory Enclosure](#)
[Digital Subassembly Test](#) [Final Assembly](#) [RF Functional Test](#)

REVISIONS LOG

January 31

Noted that C100 label on SMT Card should really say "C301". Also noted that the bottom side text designators on I/O, DSP and X-LPF pcb layout diagrams are reversed. Unavoidable. The board silkscreens are correct, of course. So please just follow the silkscreen labels on the board if you have trouble reading **sdrawkcab**.

January 28

Pin numbers made larger on Internal Cable and External Cable wiring diagrams.
Correction made to "Left" and "Right" designators for pins on connector P5 the SR-Base layout diagram, on the SR-Base page. (Wiring stayed the same - just designators changed.)

January 20

Added downloadable PDF files for each section, accessible from the Construction Home page.

January 12

Updated Controls section to move step for attaching IC12 and IC13 to step 1 (easier to add SMT ICs first). Corrected Step 6 to state R71 instead of R17.

January 9

Updated BOM (parts listings) to revision level C14" ... added all the missing parts found in the first round of shipments. Instructions for Frequency Calibration and Rx path I-Q Balance adjustments were added to the RF Functional Test section.

January 8

Corrected parts layout diagrams in X-LPF pages, steps 2 & 3.

January 7

Finalized the "Service Pack" items, customized based on the items that each Cube customer purchased. Set for shipping Jan 8-12.

December 31

Discovered that the 2-wire ribbon cable provided to make Cable 6 in the Internal Cable section needs to be about 6", instead of the provided 4". Makes routing of the cable and connection to the SR-Base much easier. This longer ribbon

Assembling the SDR Cube Transceiver

cable is being retrofitted to the kit, and provided to all current Internal Cable Kit customers in the Service Pack.

[Back to Construction Home](#)

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