Table of Contents

Multi ODROID & RTL-SDR2832U Application Mother Board for ODROID C1+ 2
Introduction..... 2

Multi ODROID & RTL-SDR2832U Application Mother Board for ODROID C1+

Introduction

Inexpensive Multi RTL-SDR Application Mother Board for ODROID C1+ applications. Designed in the U.S.A. by WyJen Technologies. The mother board uses a dual USB port for two RTL-SDRs with but the bottom RTL-SDR configured to use a dedicated power supply separate from the ODROID C1+. Two LEDS are provided on the mother board for status. Popular applications are:

1. TCP Raspberry Client for sending RTL-SDR receiver data to remote server
2. LTE Cell Scanner
3. FM Receiver for multiple frequencies
4. GPS Receiver
5. ADSB Receiver

The package comes with the following items (See Figures 1 & 2 below):

1. 8 Screws and 4 standoffs for attaching an ODROID C1+ to the PCB mother board
2. Harness cable with 2 pin (2.54mm) connector jack to 2.5*0.8mm DC plug. The harness connects the mother board power power supply to the ODROID C1+ power supply jack.
3. Three Harness cables from PCB USB connectors to selected three ODROID C1+ USBs

4. One WyJen Technologies 0.5 PPM RTL2832U/R820T RTL-SDR mother board with antenna

5. PCB Power Supply, 100-240V AC 50/60Hz, Output 5V/2A DC with 2.5*0.7mm Male DC Plug

6. One WyJen Technologies Multi RTL-SDR Micro PC Application Mother Board Assembly, P/N WY-PCB106122-1

Note: The ODROID C1+ computer is not included!

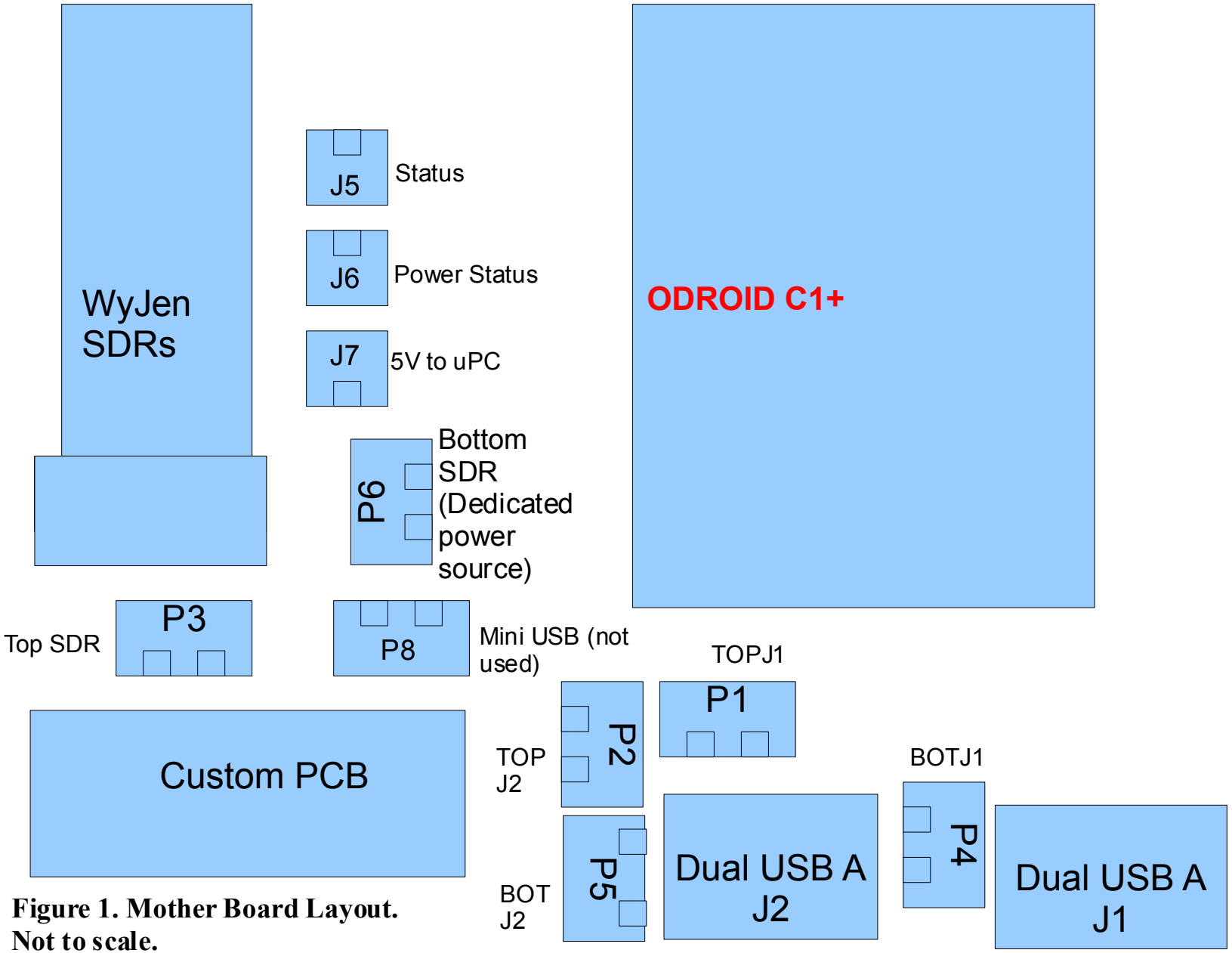

Figure 1. Mother Board Layout.
Not to scale.

Figure 2. Mother Board Dimensions. Not to scale.