Gangue,

Sudden Storm history.... as best served up by my over-taxed memory banks..

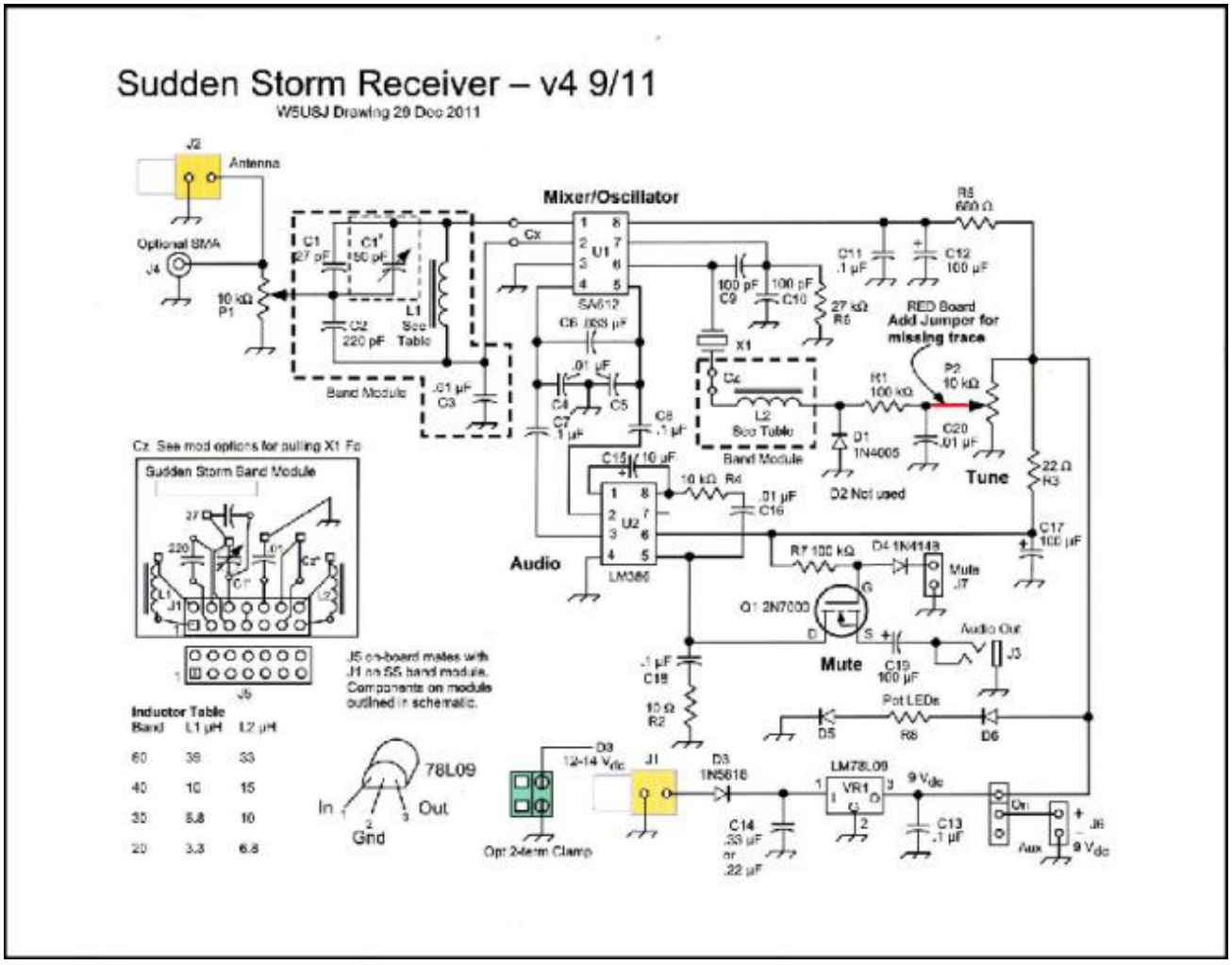
SS original and ver. 2: (versions unmarked) but single sided TAN phenolic boards with NO Soup-up provisions

SS ver. 3: (version unmarked) but DSSSSM (double sided silk screen solder masked) BLUE boards with no Soup-up provisions

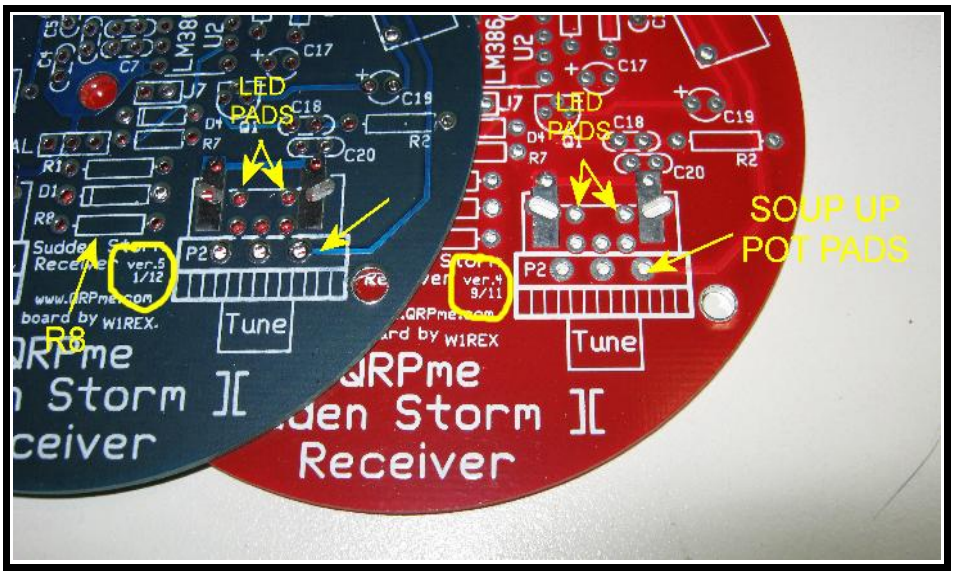
SS ver. 4: (ver. # between pots) DSSSSM RED boards with 2 SETS of pads for pots & 1 SET of pads for the 2 LEDs

SS ver. 5: (ver. # between pots) DSSSSM BLUE boards with 2 SETS of pads for pots & 1 SET of pads for the 2 LEDs

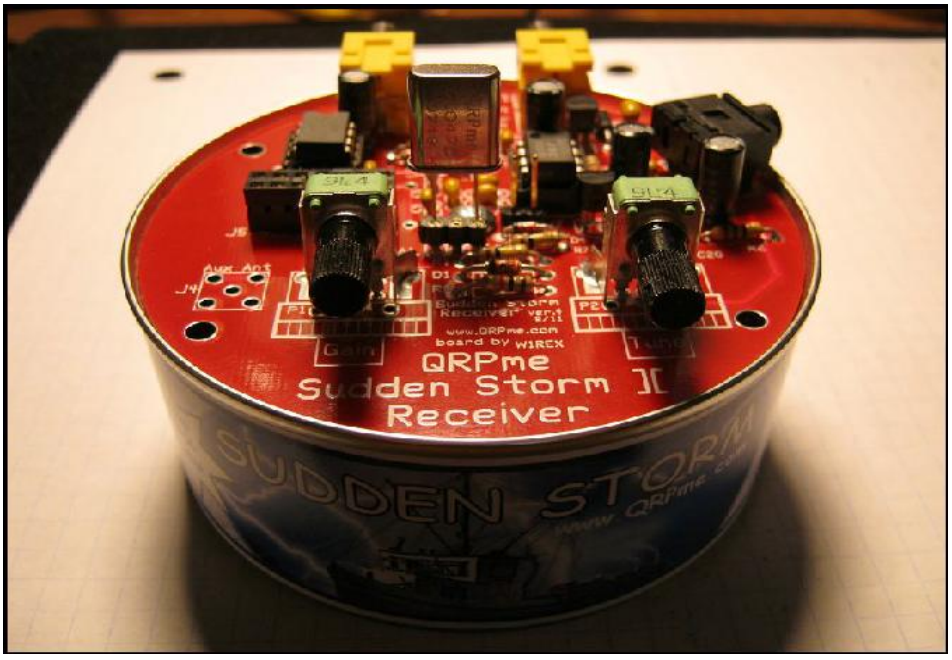
Here is the latest version of the SS schematic. Notice the diodes D5, D6 and current limiting resistor R8 in the lower right section of the schematic.



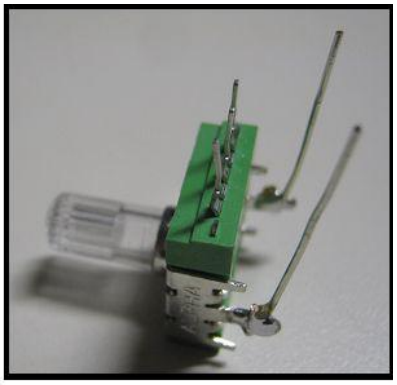
Here is a picture of the version 4 & 5 SS boards with circles and arrows pointing out various areas of interest.

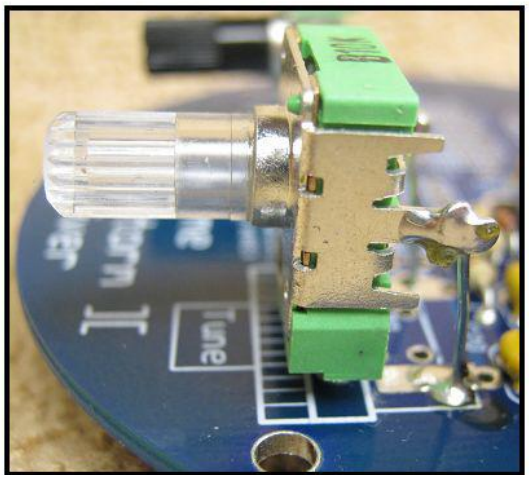


In the lower right, you will find the 2 Soup-up Pot LEDs and the resistor R8. The right side of D6 (Tune Pot LED) is connected to the +9v where it comes 'down' the pcb to feed the Tune pot. The left side of D6 goes thru R8 then on to D5 (Gain Pot LED). The left side of D5 goes to the ground plane.

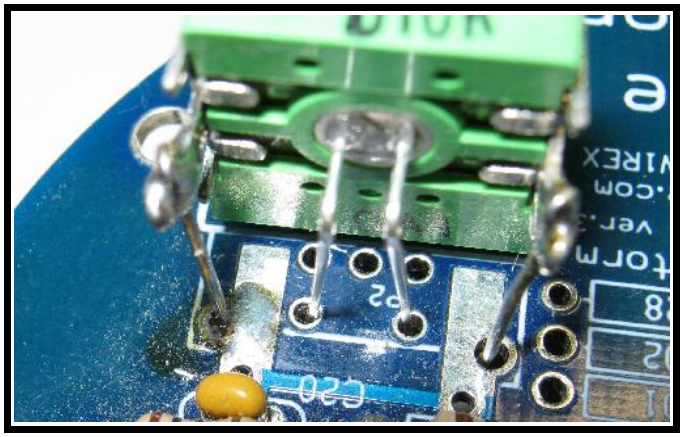


Sudden Storm with standard issue pots installed in the rear (narrow) pot pads. The LEDs and R8 are not installed when using the standard pots.





Here is a side view of a Soup-up pot mounted in the wider spaced forward pot pads. The pots are normally mounted flat on the pcb with the shafts perpendicular to the board. In the SS application, you mount them with the shafts parallel to the pcb. Adding short pieces of clipped components leads between the solder tabs and extra grounding holes will add much to the stability of the pot.



The above picture shows the Soup-up pot with an LED installed into the pot shaft. Not the 2 holes for the LED leads. Installation of the pot and LED is the same for either the Gain or Tune pot & LED.