Proxim Wireless   10 April 2008
Model No.: AP4000-MR

Class 2 Permissive change description

The radio was re-mounted in an environmentally ruggedized case. The AC /DC supply, formerly external to the radio, is now located inside the case.   DC to DC regulator circuits, formerly on the mother board, have now been placed on the daughter board.

In addition:

1.) Proxim added a 2nd sourced PHY chip, -BL vs -CL.

2.) Proxi added additional 12V inputs to system, requiring a rework of the power supply and its location. Moved Power over Ethernet functions to daughterboard.

Schematic changes (schematic becomes CPN71016, rev 13)
- Use the *.dsn provided as starting point, as it already has the fixes required for the ST flash and the Realtek – CL Phy, as well as dormant locations for supporting a heater circuit.
- Update Page 16 to replace the "X"s with component values for all parts required to make the Marvell switch U5 function properly.
- Change header JP2 from a SMT part to a 14-pin, dual-in-line, 0.100"-center through-hole part so the header can be stuffed from either side.
- Change schematic title from "Titan_Hydra" to "AP4x00MR (T2) main board"
- Change the drawing number to "CPN71016" and the revision number to "13" in the titleblock portion of all pages.
- Verify that OrCAD's design rule check runs cleanly.