PSEC2 Flip Chip Test Card - Status

• PCB Manufacturing (4 pieces) finished (Sierra);
• Will receive 1 piece PCB this week;
• Received all components;
• To do:
  • stuff 1 Module in the shop;
  • test module in the shop;
  • order stud bumping of 10 flip chips (Sierra);
  • order assembly of 8 flip chips on two bare PCBs (Sierra);
  • Finish stuffing of PCBs in the shop.

Flip Chip Installation Options (with Sierra):
  - silver filled epoxi - preferred;
  - thermasonic bonding - possible;
  - thermocompression – Not much positive experience;
  - solder balls – Had problems before.
PSEC3 QFP Test Card - Status

• Module Specifications Finished;
• Working on Schematic Capture;
• Near future plans:
  • Finish Schematic;
  • Generate BOM;
  • Order Parts for 4 Modules.