

Upstarts - Mar 98 - Report

1. Welcome, Introductions

2. Speed tone proposal (Peng Zhang)

- Accepted, change the ordering of the bit encoding for futureproofness
- Proposal to be put on P1394b web page
- Incorporate into next draft

3. Review of v4

- port-local C code style - OK
- clarifications to the rationale
- minor C code bugs identified - easy to fix
- may not need the bias filter (at least during start up)
- may not need to do the TpBias phase repeatedly
- need to check that TpBias interval does not cause false P1394a detect

4. Tone frequency 122MHz or 98MHz?

- go for 49MHz - better for EMI - and related times

5. Issues

- Check the effect of the external P1394a electrical components
 - ▶ time to charge up the capacitor on TPA - may need to spec it carefully
 - ▶ avoid false TpBias detect from the input biasing on an optical transceiver