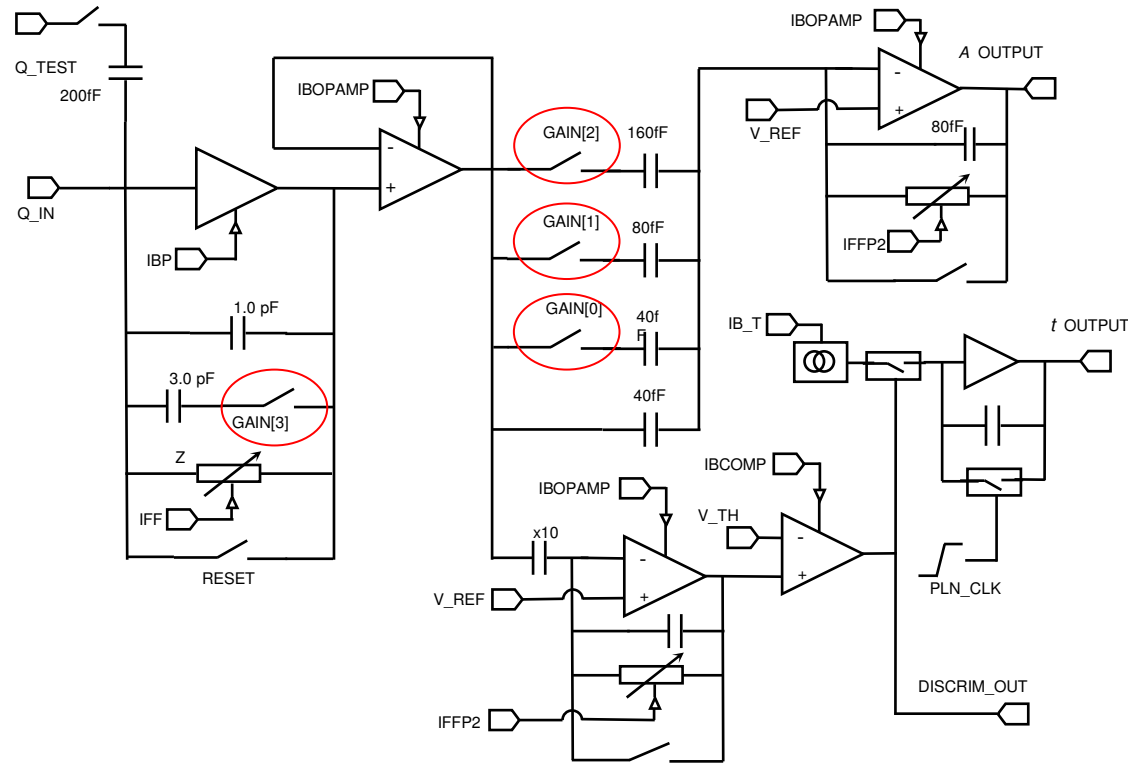Figure 2. Simplified functional diagram of the TRIP-t front end.

| 11[5:0] | PIPEDELAY | 6 | Pipeline depth |
| 11[9:6] | GAIN | 0111 | Gain; high bit is negative logic |

GAIN[3 …… 0]

the value here (0111) would give the highest gain
(preamp 1 pF, max gain to pipeline)
what we want is highest preamp gain (1 pF),
lowest gain to pipeline
     – so 0000

from:

Bench test of TRIP-t
Leo Bellantoni, Paul Rubinov   D0 note ##v4