

PCB insulation:

R-phi EP680-1174-050-A
Stereo EP680-1174-100

Rth1-3 = 10 kΩ 0603 or 0805
Thermistor: Murata 0603 1%
NTH5G 16P 33B 103 F07TH

$$Rb1 \leq 5 * \frac{Rpoly}{Nstrip} \quad 1206$$

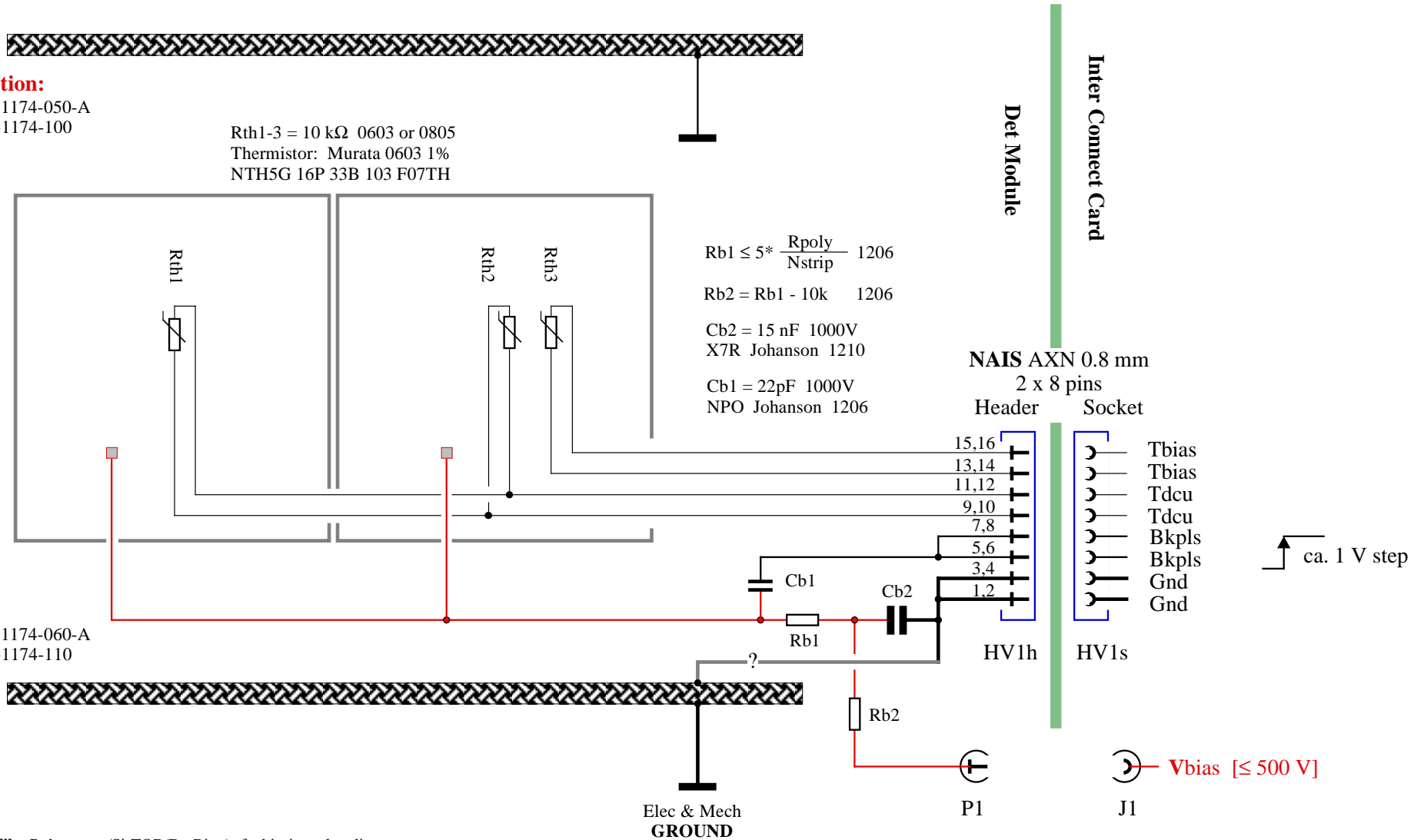
$$Rb2 = Rb1 - 10k \quad 1206$$

Cb2 = 15 nF 1000V
X7R Johanson 1210

Cb1 = 22pF 1000V
NPO Johanson 1206

PCB bias:

R-phi EP680-1174-060-A
Stereo EP680-1174-110



See also: File: Robert_ppc/Si-TOB/DetBias/safe_biasing_elec-diag

R.Hammarström/cern/ep/cmt

Detector Biasing and Temperature Sensing
(CMT, Outer Barrel, HV-Kapton)