



Stephen Turnbull and me are working on an extension of GEAR for multiple TPC modules.

Current design of the circular pad layout:

- All pads in all rows have the same width (in the middle of the pad row)
- At  $\phi = 0$  all pads are aligned symmetrically
- The effective angular pitch is not exactly  $2\pi \frac{\text{padWidth}}{\text{circumference}}$  but  $2\pi/nPads$ , where  $nPads = \lfloor \frac{\text{padWidth}}{\text{circumference}} \rfloor$
- Pad plane is always a full circle

This is not sufficient!

Please let us know what you want to describe so we can consider it when designing the extension!