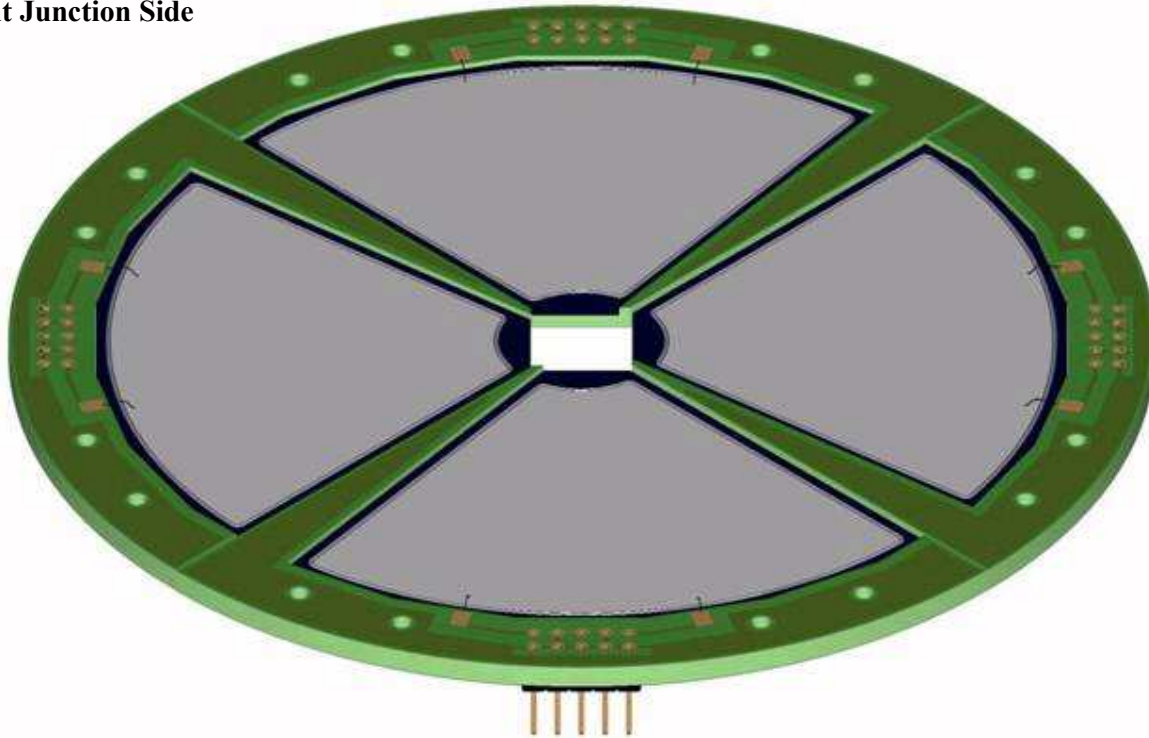


90° SINGLE AREA PAD DETECTOR

This detector is to be used in conjunction with the r/ϕ detector QQQ2 on a common motherboard.

Front Junction Side

SILICON DETECTOR TYPE:
TECNOLOGY:
DETECTOR THICKNESS:

SINGLE AREA 90° PAD DETECTOR
3 INCH SILICON
40 μm

ACTIVE AREA:
ANGLE:
INNER RADIUS:
OUTER RADIUS:

1731.0 mm^2
82°
9.0 mm
50.0 mm

FULL DEPLETION (FD):
OPERATING VOLTAGE:
TOTAL LEAKAGE CURRENT:
TOTAL RESOLUTION (Am 241):

PACKAGE:

90° recessed double sided transmission PCB with rear ground plane.
Material: FR4
Dimensions
Depth = 2.0 mm
Outer Radius = 61.0 mm
Inner Dimension = 7.4 mm
Mounting: 4 positions with a $\varnothing 2.2$ mm

CONNECTION:
EXPERIMENT:

2 x 5 row unshrouded vertical or 90° pin header
IISN

QUALITY ASSURANCE:ISO9001

