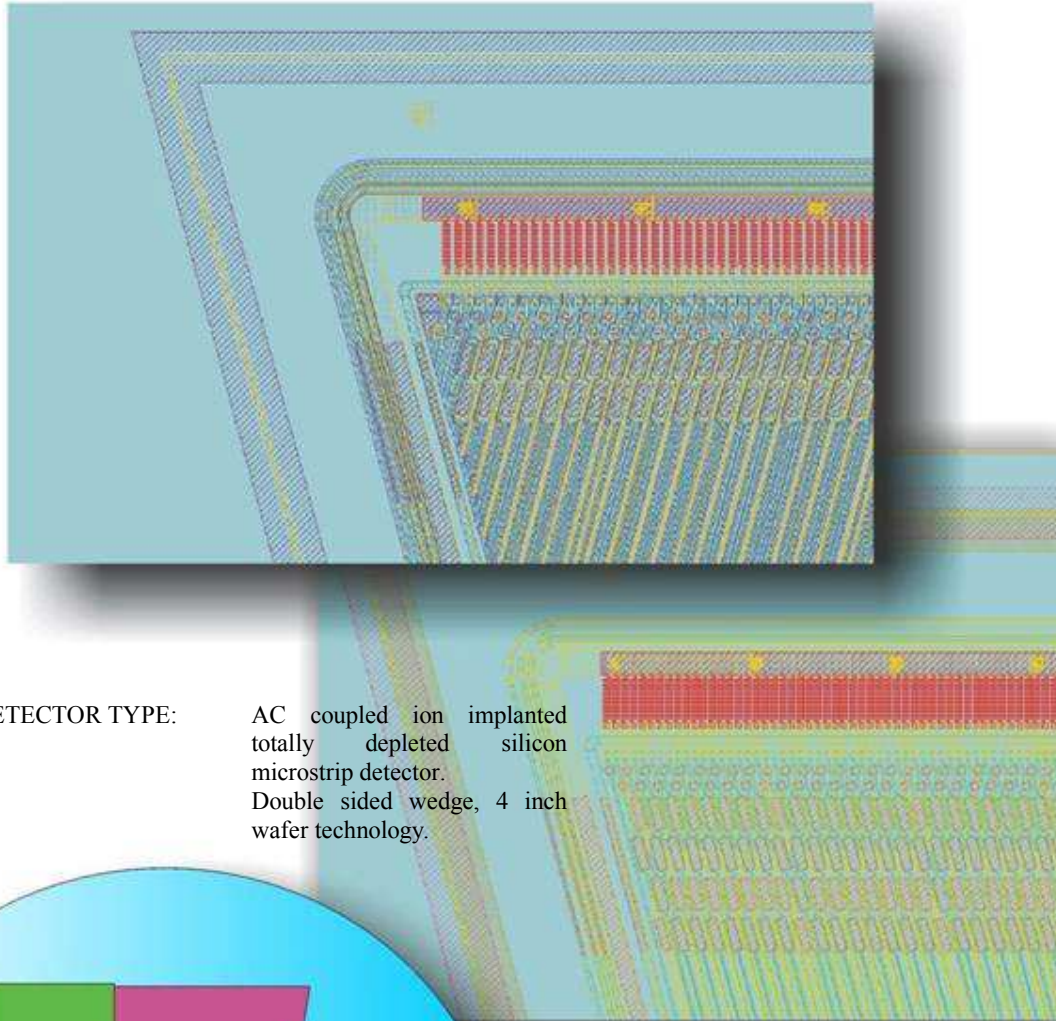
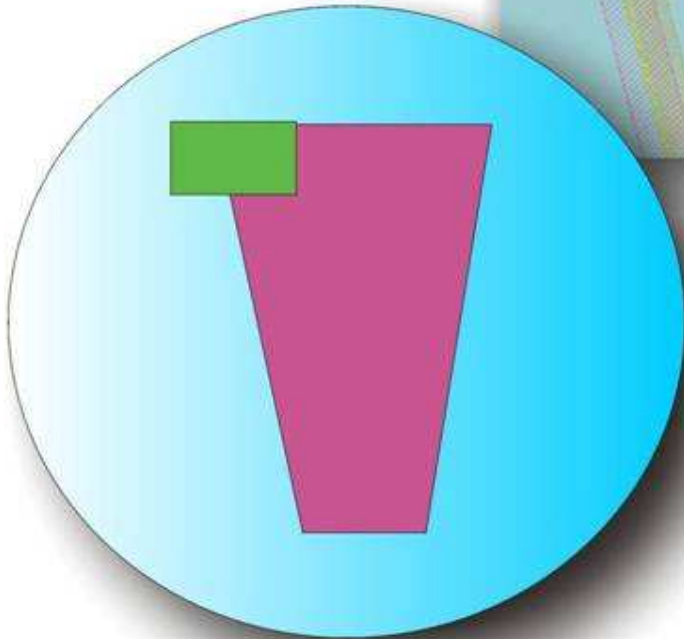


**AC COUPLED ION IMPLANTED TOTALLY DEPLETED DOUBLE SIDED WEDGE MICROSTRIP DETECTOR**



SILICON DETECTOR TYPE: AC coupled ion implanted totally depleted silicon microstrip detector.  
 DESIGN: Double sided wedge, 4 inch wafer technology.



<b>JUNCTION SIDE</b>	
Nº STRIPS:	1024
STRIP PITCH:	50 µm
<b>OHMIC SIDE</b>	
Nº STRIPS:	768
STRIP PITCH:	62.5 µm
POLYSILICON RESISTOR:	2.5 ± 0.5 MΩ
COUPLING CAPACITOR:	100 pF
SILICON THICKNESS:	300 ± 10 µm
<b>CHIP DIMENSIONS</b>	
HEIGHT:	79.21 mm
BASE:	59.21 mm
TOP:	16.73 mm
<b>FULL DEPLETION</b>	
VOLTAGE (FD):	50 V maximum
OPERATING VOLTAGE:	FD to 2FD
EXPERIMENTS:	D2, FNAL Upgrade

QUALITY ASSURANCE :ISO9001

