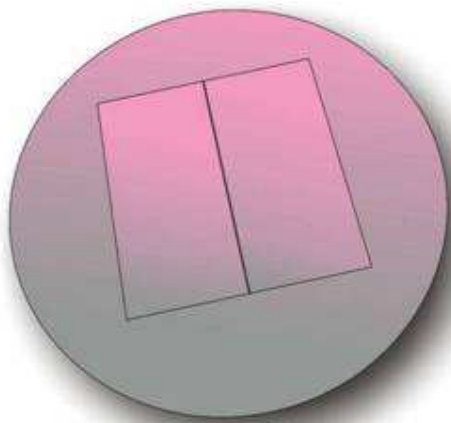
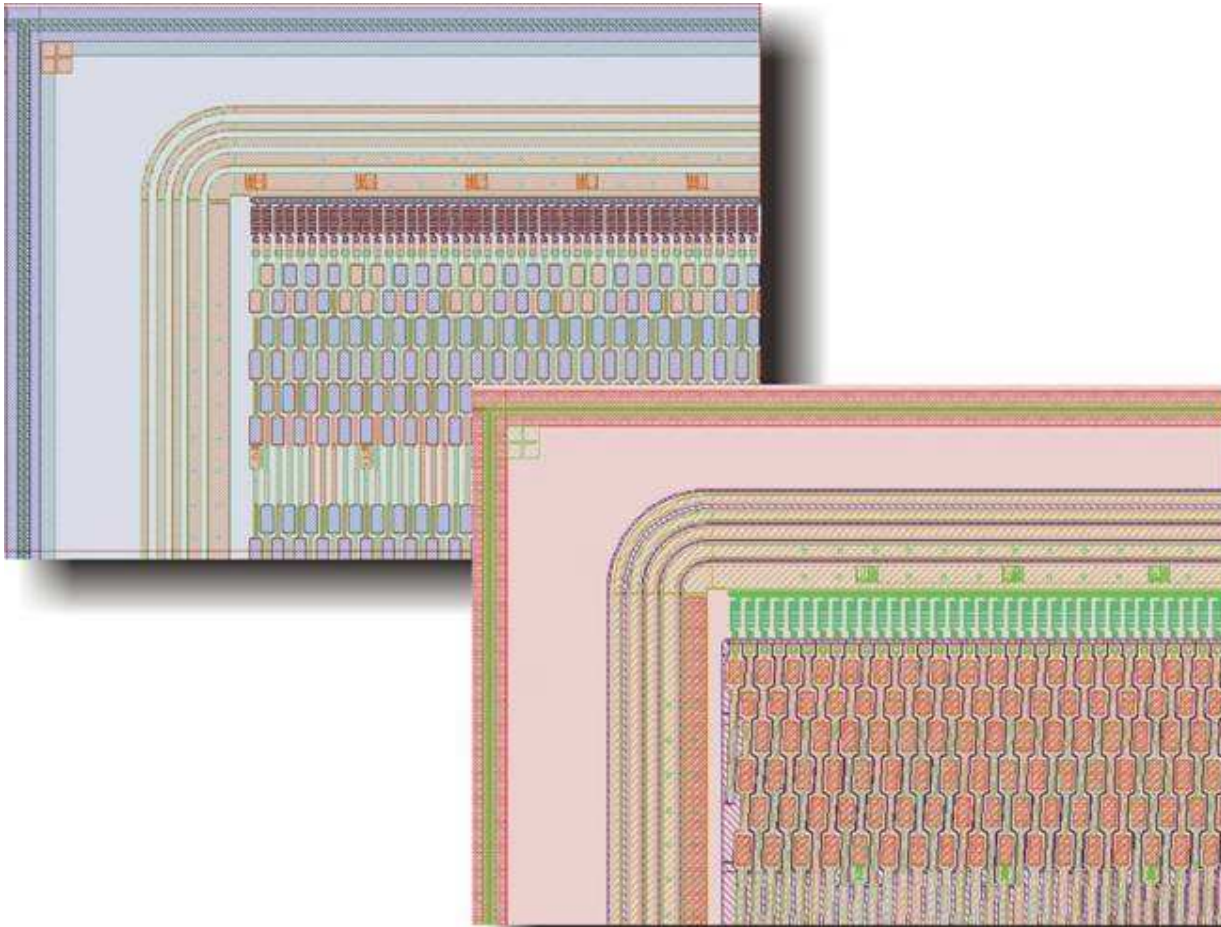


AC COUPLED ION IMPLANTED TOTALLY DEPLETED DOUBLE SIDED WEDGE MICROSTRIP DETECTOR



SILICON DETECTOR TYPE:	AC coupled ion implanted totally depleted silicon microstrip detector.
DESIGN:	Double sided wedge, 4 inch wafer technology.
JUNCTION SIDE	
N° STRIPS:	640
STRIP PITCH:	50 μm
OHMIC SIDE	
N° STRIPS:	512
STRIP PITCH:	62.5 μm
STRIP GEOMETRY:	2° with respect to P-Side strips
POLYSILICON RESISTOR:	2.5 \pm 0.5 M Ω
COUPLING CAPACITOR:	100 pF
SILICON THICKNESS:	300 \pm 10 μm
CHIP DIMENSIONS:	60.0 x 34.0 mm ²
FULL DEPLETION VOLTAGE (FD):	50 V maximum
OPERATING VOLTAGE:	FD to 2FD
EXPERIMENTS:	D2, FNAL Upgrade

QUALITY ASSURANCE :ISO9001

