



INTRODUCTION



INTRODUCTION

- Discuss details of similarities, variations, and differences between XRS 2X18 array and 6X6 array
- Discuss higher order process flow steps for XRS 6X6 array
- Conclusion: discussion of key process differences between XRS 2X18 and XRS 6X6 arrays



SIMILARITIES

- Detector area
- Chip size
- Ion implanted leads and thermistors
- Bond pads

VARIATIONS

- Suspended Pixel
- Absorber Attachment
- Annealing

DIFFERENCES

- Fabrication Process
- Membrane vs. individual etch wells
- Shape of array



SIMILARITIES

- Detector area
- Chip size
- Ion implanted leads and thermistors
- Bond pads



DIFFERENCES

- Membrane vs. individual etch wells
- Fabrication Process
- Shape of array



VARIATIONS

- Suspended Pixel
- Absorber Attachment
- Annealing