

Glass Solutions for mmWave Applications

Aric Shorey

Mosaic Microsystems

Aric.Shorey@mosaicmicro.com

- Overview of advantages of glass for RF/mmWave applications
 - Low loss etc.
 - Ability to go thin, small footprint, cost-effectively
- Historical challenges of handling thin glass for microelectronics
- Mosaic's thin glass handling solution that enables reliable processing of thin glass
- Examples/use cases particularly for DoD applications for a beam steering antenna for satellite communications.