#### ALL PROGRAMMABLE



5G Wireless • Vision • ADAS • Industrial IoT • Cloud Computing



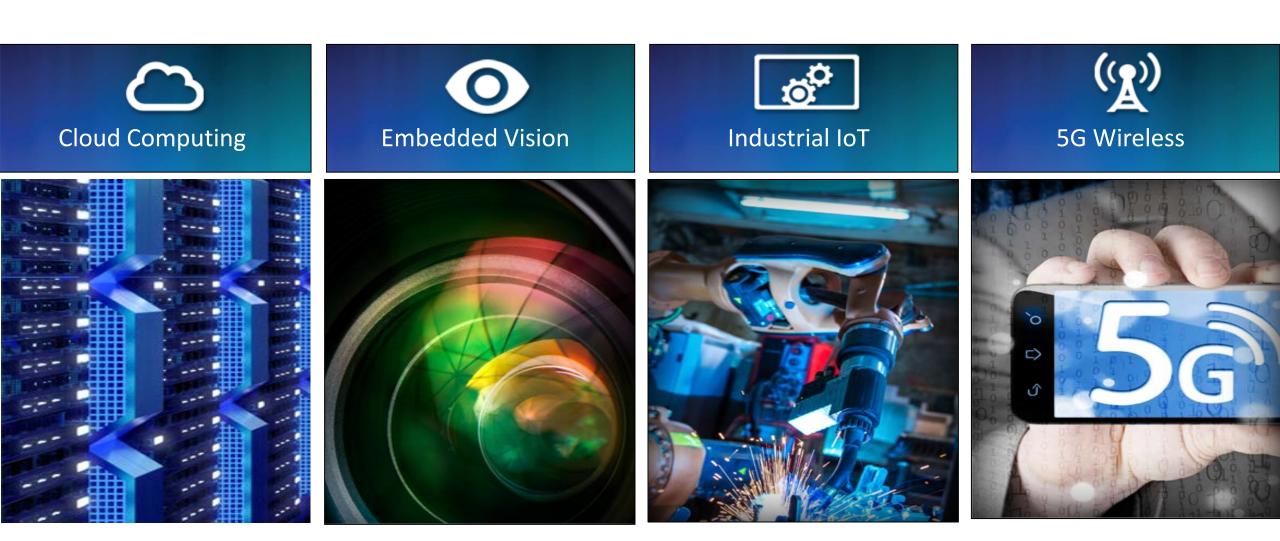
#### Samsung and Xilinx - The leadership of 5G

Arun Iyengar Vice President, Global Markets Group, Xilinx

### Xilinx – The All Programmable Company



### **Enabling Multi-Market High Growth Megatrends**



Smarter. Connected. Differentiated.

# (x) 5 Differentiating Advantages

"Massive Performance at Any Band"

- 1-2 Year Time to Market Advantage vs. ASICs
- Enabling 5X Bandwidth at 3X Bands at ½ Power
- Scalable and Flexible Future Proof Platforms
- >50% Lower Total Cost of Ownership
- Disruptive Technology Breakthroughs



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**Proof of Concept Programs with Leaders** 

>90%

**Pre-5G Deployments Planned with Xilinx** 

>80%

**5G Test Equipment with Xilinx** 

3-5X

**Expected 5G vs. 4G more Radios** 

## SAMSUNG



- Samsung selected Xilinx as preferred 5G partner
- Design in Xilinx solution to provide ultra wideband and density pre-5G coverage for 2018 Pyeong Chang Winter Olympics
- Align roadmap and establish deep win-win 5G collaboration

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