

ALL PROGRAMMABLE

ANY MEDIA

5G

4K/8K

ANY STANDARD

ANY MACHINE

ANY NETWORK

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



XILINX – Founded 1984

-  Headquarters
-  Research and Development
-  Sales and Support
-  Manufacturing

\$2.21B FY16 revenue

20,000 customers worldwide

>57% market segment share

3,500+ patents

3,500+ employees worldwide

60 industry firsts

Enabling Multi-Market High Growth Megatrends



Cloud Computing



Embedded Vision



Industrial IoT



5G Wireless



Smarter. Connected. **Differentiated.**

5 Differentiating Advantages

"Massive Performance at Any Band"

1

1-2 Year Time to Market Advantage vs. ASICs

2

Enabling 5X Bandwidth at 3X Bands at ½ Power

3

Scalable and Flexible Future Proof Platforms

4

>50% Lower Total Cost of Ownership

5

Disruptive Technology Breakthroughs



5G Wireless Momentum



6 of 6

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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Thank You