NAND Flash & Automotive Applications

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Forward-Looking Statements

During our meeting today we may make forward-looking statements.

Any statement that refers to expectations or other characterizations of future events or circumstances is a forward-looking statement, including those relating to market position, market growth, future products, product roadmaps and expected timing of product capabilities, specifications and sales, industry trends, future memory technology, production capacity and technology transitions.

Actual results may differ materially from those expressed in the forward-looking statements due to factors detailed under the caption “Risk Factors” and elsewhere in documents SanDisk files from time-to-time with the SEC, including our annual and quarterly reports.

SanDisk undertakes no obligation to update these forward-looking statements, which speak only as of the date hereof.
50B Connected Devices by 2020

99% of “Things” Not Connected Today*

90% of Data Created in Last 2 Years*

Exponential Growth of Flash Applications

Mobile & Tablet

Connected Home & Automotive

Internet of Things

*Sources: Cisco, Baseline Magazine 2014
## NAND Flash Enabling Next Gen Connected Cars

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<thead>
<tr>
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<tbody>
<tr>
<td>Display Audio</td>
<td>4G LTE Connection</td>
<td>Separate Computer for Autonomous Drive</td>
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<tr>
<td>Simple Apps</td>
<td>More Apps / 3D Maps</td>
<td>HD Maps</td>
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<td>2D/3D maps</td>
<td>CarPlay/ Android Auto</td>
<td>Cloud Cache of V-X data</td>
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<td>Light weight OS</td>
<td>Advanced OS/ Augmented Reality</td>
<td>Storage: 128GB +</td>
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<td>Storage: 4GB–32GB Cards &amp; Embedded</td>
<td>Natural Voice HMI</td>
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<td>Storage: 16GB – 128GB Mainly Embedded</td>
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Storage Sub-system Design Considerations

- Challenges for automotive engineer include
  - Minimize system cost
  - Maximize reliability
  - Acceptable performance / responsiveness

- Most of this is “use case” dependent
  - Need to consider your use case

- Products from different vendors will perform differently based on use case
  - Speed, Reliability, Endurance
Thank You

Expanding The Possibilities of Storage

Visit us @ Booth #207  martin.booth@sandisk.com