



# OmniVision Technologies *OmniBSI™ Technology*



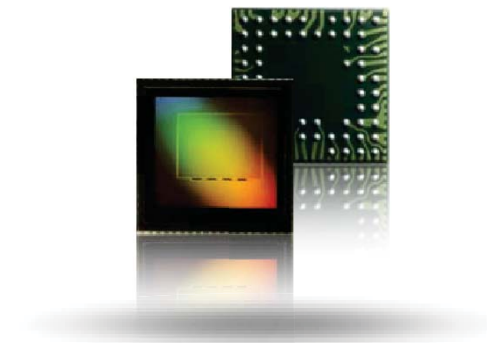
the clear advantage™

# Safe harbor statement

- Except for historical information, the matters discussed in this presentation may contain forward-looking statements that are subject to risks and uncertainties. These risks and uncertainties could cause the forward-looking statements and OmniVision's actual results to differ materially. In evaluating these forward-looking statements, you should specifically consider various factors, including the factors listed in the "Risk Factors" section of the Company's most recent annual report filed on Form 10-K and most recent quarterly reports filed on Form 10-Q. These factors may cause the Company's results to differ materially from any forward-looking statement. Forward-looking statements are only predictions and actual events or results may differ materially.
- OmniVision disclaims any obligation to update information contained in any forward-looking statement.

# Agenda

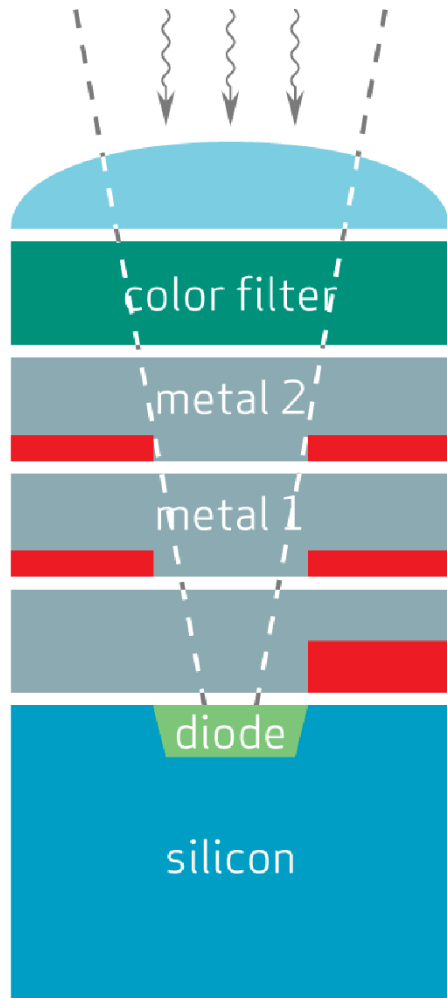
- Pixel technology background
- Manufacturing OmniBSI devices
- Advantages of OmniBSI™
- Summary



# Pixel technology background



# Front-side Illuminated (FSI) pixels



- Most common sensing technology
- Tall metal stack-up makes getting photons to the photodiode difficult
  - Compromises sensitivity
- Restricts Chief Ray Angle (CRA)
  - Increases lens height
- Significant optical and electrical crosstalk
- Color and luminance shading varies with illuminant
- Smaller FSI pixels deliver unacceptably poor performance

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