

Aptina™ Demo3 Kit



APTINA DEMO KIT OVERVIEW

Demo3 is Aptina's new demo kit with improved performance.

Advantages of Demo3 include:

- ▶ USB 3.0 replaces USB 2.0 which provides a higher bandwidth from the camera to the PC
- ▶ High Speed connector to support Parallel, MIPI®, CCP and Aptina HISPI™ interfaces
- ▶ Adds 1G Bit memory for frame buffering
- ▶ HDMI output

Note:

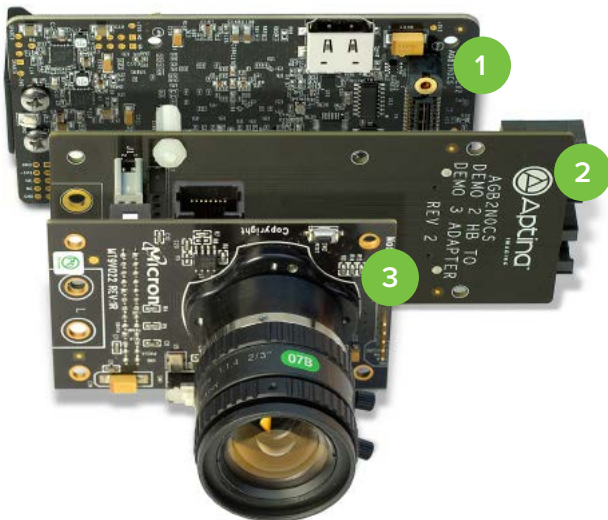
Aptina will continue to support Demo2X kits with adaptor boards until the full transition to Demo3 headboards is complete. The Demo2X kit when used with a Demo3 adaptor board has the same performance as a full Demo3 kit.



Demo3 Demo Kit
(with Adaptor Board)

Demo2 Headboard to Demo3 Board

- | | |
|---|---|
| 1. Demo3 Baseboard with USB 3.0 connector | 4. Tripod Stand |
| 2. Demo2 to Demo3 Adaptor board | Aptina DevWare software available from the Aptina Website |
| 3. Aptina Demo2 Headboard with Aptina sensor, lens mount and lens | USB 3.0 Cable (not shown) |



Demo3 Demo Kit

- | | |
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| 1. Demo3 Baseboard with USB 3.0 connector | 4. Tripod Stand |
| 2. Aptina Demo3 Headboard with Aptina sensor, lens mount and lens | Aptina DevWare software available from the Aptina Website |
| | USB 3.0 Cable (not shown) |



Name	Part Number	Description
Demo3 Demo Kit	Use existing Demo Kit part number with "3" as extension. Example: AR0132AT6C00XPEAD3-E	Demo3 Kit
Demo3 baseboard (BB)	AGB1N0CS	Demo3 Baseboard with USB 3.0
Demo2 HB to Demo3 BB Adapter	AGB2N0CS	Adaptor between existing Demo2 HB and Demo3 BB
Demo3 HB to Demo2X BB Adapter	AGB3N0CS	Adaptor between existing Demo3 HB and Demo2X BB

* Aptina recommends using a PC with USB 3.0 port to run Demo3 at higher bandwidths.
Please visit the Aptina web site at www.aplina.com/Demo3 for additional Demo3 information including supporting videos

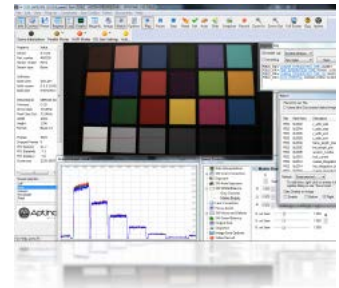
Demo Board Details



Demo3 interface connector on back side of board.



Demo3 interface connector: board side.



DevSuite includes the software tools for Live image tuning, Real-Time register access, Image and video capture, Image analysis.

About Aptina

Aptina is a global provider of CMOS imaging solutions that enable Imaging Everywhere.™ Using performance enhancing technologies like Aptina A-Pix™, Aptina DR-Pix™, Aptina A-PixHS™ and Clarity+™ technology, Aptina has created a market-leading portfolio of image sensor products found in leading consumer electronics like smartphones, tablets, laptops, digital and video cameras, as well as applications in surveillance, automotive, medical, video conferencing, and gaming. For additional information on Aptina visit: www.aplina.com.



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HOW TO BUY

Aptina partners with distributors and manufacturers' representatives who provide comprehensive part selection and supply management advice. For other inquiries, please contact us at distribution@aplina.com.

Aptina authorized representative

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