



DisplayPort Patent Portfolio License Briefing*

V03/05/18

*This presentation is for information purposes only. Actual license agreements will provide the only definitive and reliable statement of license terms.

Objective

- Offer an alternative license for the convenience of users enabling them to acquire patent rights necessary for the DisplayPort Specifications (see next slide) from multiple patent holders in a single transaction as an alternative to negotiating separate licenses

Coverage

- A patent is essential if one or more of its claims is infringed by implementation of one or more DisplayPort (“DP”) Specifications defined in
 - VESA DisplayPort Standard, Version 1, May 1, 2006
 - VESA DisplayPort Standard, Version 1.1, March 19, 2007
 - VESA DisplayPort Standard, Version 1, Revision 1a, January 11, 2008
 - VESA DisplayPort Standard, Version 1, Revision 2, January 5, 2010
 - VESA DisplayPort Standard, Version 1, Revision 2a, May 23, 2012
 - VESA DisplayPort Standard, Version 1.3, September 2014
 - VESA DisplayPort Standard, Version 1.4, March 2016
 - VESA Mini DisplayPort (mDP) Connector Standard, Version 1, October 26, 2009
 - VESA Embedded DisplayPort (eDP), Version 1, December 22, 2008
 - VESA Embedded DisplayPort (eDP) Standard, Version 1.1, October 23, 2009
 - VESA Embedded DisplayPort (eDP) Standard, Version 1.2, May 5, 2010
 - VESA Embedded DisplayPort (eDP) Standard, Version 1.3, January 13, 2011
 - VESA Embedded DisplayPort (eDP), Version 1.4, February 2013
 - VESA Embedded DisplayPort (eDP) Standard, Version 1.4a, February 2015
 - VESA Embedded DisplayPort (eDP) Standard, Version 1.4b, October 23, 2015
 - VESA Internal DisplayPort (iDP), Version 1.0a, April 2011
 - VESA Internal DisplayPort (iDP), Version 1, April 2010
 - VESA Mobility DisplayPort (MyDP), Version 1, May 2012
 - VESA DockPort, Version 1, May 2014
 - VESA DisplayPort Dual-Mode (DP++) Standard, Version 1, February 10, 2012
 - VESA DisplayPort Dual-Mode (DP++) Standard, Version 1.1, February 8, 2013
 - VESA DisplayPort Alt Mode Standard, Version 1, September 22, 2014
 - VESA DisplayPort Alt Mode Standard, Version 1.0a, Aug 10, 2015

Coverage

- Each patent is essential to one or more of the DisplayPort Specifications (see previous slide)
- Patent holders submitted patents for evaluation of their essentiality by independent patent experts
- Worldwide coverage (including essential counterparts)
- Licensors include all essential patents
- Coverage from first release date of the DP Specification

Coverage

- Attachment 1 to the License is updated regularly
- See <http://www.mpegla.com/main/programs/DisplayPort/Pages/PatentList.aspx>
 - New Licensors and essential patents may be added at no additional royalty for present license coverage during the current term; coverage for entire term

Current Patent Owners

Essential Patent Holders currently include

- Koninklijke Philips N.V.
- Lattice Semiconductor Corporation
- Maxell, Ltd.
- Rambus Inc.
- Sony Corporation
- Sun Patent Trust

DisplayPort License Terms

- **Royalty is US \$0.20 for each DisplayPort Product (without regard to number of DP applications in a single product) Manufactured or Sold in a country with one or more DisplayPort Essential Patents**
 - Includes right to make, use and sell
 - Royalties are payable for DisplayPort Products from January 1, 2013, forward

Term

- **Current Term through December 31, 2020**
- **Renewable for successive 5-year periods for the life of any Portfolio patent on reasonable terms and conditions**
- **Rate Protection on Renewal – royalties for license grant will not increase by more than 20% at each renewal**

Other Important Provisions

- **Most Favorable royalty rates clause**
- **Licensee data is protected as confidential**
- **Grant-back on essential patents similar in scope to license grants**