

## PMC Licenses as of May 10, 2017

Date	Licensee(s)	Subject Matter
March 2, 1994	StarSight Telecast, Inc.	Field-of-use license related to program guides for channel navigation
October 1, 1995	Thomson Consumer Electronics, Inc.	PMC authorized sublicense from StarSight to Thomson for making Digital Satellite Subscriber (DSS) products, including non-exclusive use of the PMC patents related to a DSS program guide and recording functions
October 31, 1995, as amended October 6, 1999, March 26, 2002, & Sept. 25, 2012	Sony	Set-top boxes using the PMC technology for compatibility with the DirecTV system; subsequently certain other receiver products and by final amendment all Sony products
January 31, 1996, as amended January 29, 2001 & Feb. 7, 2002	Landmark Communications, Inc. & The Weather Channel, Inc.	Worldwide non-exclusive rights to deliver certain types of content
January 2000	Pegasus Development Corporation	Field-of-use license to Pegasus and its strategic investment in PMC
December 29, 2000	Gemstar-TV Guide / TVG-PMC	Thirteen (13) separate exclusive field-of-use licenses and non-exclusive field-of-use licenses to Gemstar-TV Guide and its investment in PMC
May 18, 2011	Scientific-Atlanta LLC / Cisco Systems, Inc.	Nonexclusive patent license and settlement
June 1, 2011	Motorola Mobility, Inc.	Nonexclusive patent license and settlement
July 10, 2013	DirecTV, LLC; Hughes Electronics Corporation; Technicolor USA, Inc.	Nonexclusive patent license and settlement

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January 30, 2014	Zynga, Inc.	Nonexclusive patent license and settlement
February 20, 2014	Panasonic Corporation	Nonexclusive patent license
April 1, 2015	Sharp Corporation	Nonexclusive patent license
May 7, 2015	EchoStar Corporation; DISH Network Corporation	Nonexclusive patent license and settlement
June 2, 2015	ARRIS Group, Inc.	Nonexclusive patent license
November 15, 2016	VIZIO, Inc. and its HDTV vendors	Nonexclusive patent license and settlement
February 13, 2017	Samsung Corporation and its affiliates	Nonexclusive patent license in the field of digital television and settlement