

## TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

ETAS ID: TM372945

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT		
<b>NATURE OF CONVEYANCE:</b>	Trademark Security Agreement		
<b>SEQUENCE:</b>	2		
<b>CONVEYING PARTY DATA</b>			
<b>Name</b>	<b>Formerly</b>	<b>Execution Date</b>	<b>Entity Type</b>
ATHENA SEMICONDUCTORS, LLC		02/01/2016	LIMITED LIABILITY COMPANY: DELAWARE
<b>RECEIVING PARTY DATA</b>			
<b>Name:</b>	Bank of America, N.A., as Collateral Agent		
<b>Street Address:</b>	101 N Tryon St.		
<b>City:</b>	Charlotte		
<b>State/Country:</b>	NORTH CAROLINA		
<b>Postal Code:</b>	28255		
<b>Entity Type:</b>	National Association: UNITED STATES		
<b>PROPERTY NUMBERS Total: 1</b>			
<b>Property Type</b>	<b>Number</b>	<b>Word Mark</b>	
<b>Registration Number:</b>	2723295	FASTPATH	
<b>CORRESPONDENCE DATA</b>			
<b>Fax Number:</b>	7147558290		
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>			
<b>Phone:</b>	714-540-1235		
<b>Email:</b>	ipdocket@lw.com		
<b>Correspondent Name:</b>	Latham & Watkins LLP		
<b>Address Line 1:</b>	650 Town Center Drive, Suite 2000		
<b>Address Line 4:</b>	Costa Mesa, CALIFORNIA 92626		
<b>ATTORNEY DOCKET NUMBER:</b>	040981-0094		
<b>NAME OF SUBMITTER:</b>	Anna T Kwan		
<b>SIGNATURE:</b>	/atk/		
<b>DATE SIGNED:</b>	02/11/2016		
<b>Total Attachments: 15</b>			
source=Buffalo - Trademark Security Agreement - Other Grantors (3)#page1.tif			
source=Buffalo - Trademark Security Agreement - Other Grantors (3)#page2.tif			
source=Buffalo - Trademark Security Agreement - Other Grantors (3)#page3.tif			

OP \$40.00 2723295

source=Buffalo - Trademark Security Agreement - Other Grantors (3)#page4.tif  
source=Buffalo - Trademark Security Agreement - Other Grantors (3)#page5.tif  
source=Buffalo - Trademark Security Agreement - Other Grantors (3)#page6.tif  
source=Buffalo - Trademark Security Agreement - Other Grantors (3)#page7.tif  
source=Buffalo - Trademark Security Agreement - Other Grantors (3)#page8.tif  
source=Buffalo - Trademark Security Agreement - Other Grantors (3)#page9.tif  
source=Buffalo - Trademark Security Agreement - Other Grantors (3)#page10.tif  
source=Buffalo - Trademark Security Agreement - Other Grantors (3)#page11.tif  
source=Buffalo - Trademark Security Agreement - Other Grantors (3)#page12.tif  
source=Buffalo - Trademark Security Agreement - Other Grantors (3)#page13.tif  
source=Buffalo - Trademark Security Agreement - Other Grantors (3)#page14.tif  
source=Buffalo - Trademark Security Agreement - Other Grantors (3)#page15.tif

TRADEMARK SECURITY AGREEMENT

TRADEMARK SECURITY AGREEMENT dated as of February 1, 2016 (this "Agreement"), among BROADCOM CORPORATION, TEKNOVUS, INC., SERVERWORKS CORPORATION, NETLOGIC I LLC (formerly known as NETLOGIC MICROSYSTEMS, LLC), ATHENA SEMICONDUCTORS, LLC, GLOBAL LOCATE, INC., and GIGLE NETWORKS, LLC (the "Grantors") and Bank of America, N.A., as Collateral Agent (in such capacity, the "Collateral Agent").

Reference is made to (a) the Credit Agreement dated as of February 1, 2016, 2016 (as amended, supplemented or otherwise modified from time to time, the "Credit Agreement"), among Avago Technologies Cayman Holdings Ltd., an exempted company incorporated with limited liability in the Cayman Islands ("Holdings"), Avago Technologies Cayman Finance Limited, an exempted company incorporated with limited liability in the Cayman Islands (the "Borrower"), BC Luxembourg S.à r.l., a private limited liability company (*société à responsabilité limitée*) incorporated and existing under the laws of Grand Duchy of Luxembourg, having its registered office at 17 Boulevard Royal, L-2449, Grand Duchy of Luxembourg, registered with the Luxembourg Register of Commerce and Companies under number B 201613 and with a share capital of US \$20,000 (the "Luxco Borrower"), the Lenders party thereto and Bank of America, N.A., as Collateral Agent and (b) the Collateral Agreement dated as of February 1, 2016, 2016 (as amended, supplemented or otherwise modified from time to time, the "Collateral Agreement"), among the grantors from time to time party thereto and the Collateral Agent. The Lenders have agreed to extend credit to the Borrower Parties subject to the terms and conditions set forth in the Credit Agreement. Each Grantor is an Affiliate of the Borrower Parties and is willing to execute and deliver this Agreement in order to induce the Lenders to make additional Loans and as consideration for Loans previously made. Accordingly, the parties hereto agree as follows:

SECTION 1. Terms. Capitalized terms used in this Agreement and not otherwise defined herein have the meanings specified in the Collateral Agreement or the Credit Agreement, as applicable. The rules of construction specified in Section 1.01(b) of the Collateral Agreement also apply to this Agreement.

SECTION 2. Grant of Security Interest. As security for the payment or performance, as the case may be, in full of the Secured Obligations, each Grantor hereby grants to the Collateral Agent, its successors and permitted assigns, for the benefit of the Secured Parties, a security interest (the "Security Interest") in all of such Grantor's right, title and interest in, to and under any Trademarks now owned or at any time hereafter acquired by such Grantor, including those listed on Schedule I (the "Trademark Collateral"); provided that notwithstanding anything to the contrary contained in the foregoing clause, the security interest created hereby shall not extend to, and the term "Trademark Collateral" shall not include, any Excluded Assets.

SECTION 3. Collateral Agreement. The Security Interest granted to the Collateral Agent herein is granted in furtherance, and not in limitation, of the security interests granted to the Collateral Agent pursuant to the Collateral Agreement. Each Grantor hereby acknowledges and affirms that the rights and remedies of the Collateral Agent with respect to the Trademark Collateral are more fully set forth in the Collateral Agreement, the terms and provisions of which are hereby incorporated herein by reference as if fully set forth herein. In the event of any conflict between the terms of this Agreement and the Collateral Agreement, the terms of the Collateral Agreement shall govern.

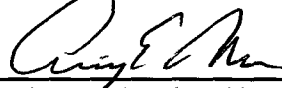
SECTION 4. Counterparts. This Agreement may be executed in counterparts (and by different parties hereto on different counterparts), each of which shall constitute an original but all of which when taken together shall constitute a single contract. Delivery of an executed signature page to

this Agreement by facsimile or other electronic transmission shall be effective as delivery of a manually signed counterpart of this Agreement.

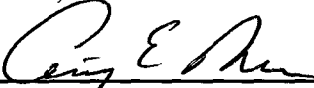
[Remainder of this page intentionally left blank]

IN WITNESS WHEREOF, the parties hereto have duly executed this Agreement as of the day and year first above written.

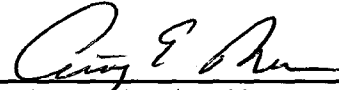
BROADCOM CORPORATION

By:   
Name: Anthony E. Maslowski  
Title: President and Secretary

TEKNOVUS, INC.

By:   
Name: Anthony E. Maslowski  
Title: President and Chief Executive Officer

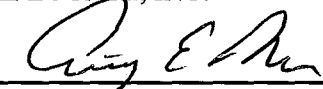
SERVERWORKS CORPORATION

By:   
Name: Anthony E. Maslowski  
Title: Chief Financial Officer, Treasurer, Controller and Secretary

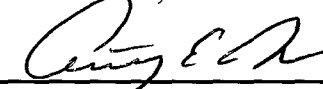
ATHENA SEMICONDUCTORS, LLC

By: \_\_\_\_\_  
Name: Mark Mohler  
Title: President and Treasurer

GLOBAL LOCATE, INC.

By:   
Name: Anthony E. Maslowski  
Title: President

GIGLE NETWORKS, LLC

By:   
Name: Anthony E. Maslowski  
Title: President and Chief Executive Officer

*[Signature Page to Trademark Security Agreement]*

IN WITNESS WHEREOF, the parties hereto have duly executed this Agreement as of the day and year first above written.

BROADCOM CORPORATION

By: \_\_\_\_\_  
Name: Anthony E. Maslowski  
Title: President and Secretary


TEKNOVUS, INC.

By: \_\_\_\_\_  
Name: Anthony E. Maslowski  
Title: President and Chief Executive Officer

SERVERWORKS CORPORATION

By: \_\_\_\_\_  
Name: Anthony E. Maslowski  
Title: Chief Financial Officer, Treasurer, Controller and Secretary

ATHENA SEMICONDUCTORS, LLC

By:  \_\_\_\_\_  
Name: Mark Mohler  
Title: President and Treasurer

GLOBAL LOCATE, INC.

By: \_\_\_\_\_  
Name: Anthony E. Maslowski  
Title: President

GIGLE NETWORKS, LLC

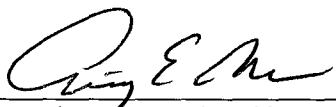
By: \_\_\_\_\_  
Name: Anthony E. Maslowski  
Title: President and Chief Executive Officer

*[Signature Page to Trademark Security Agreement]*

TRADEMARK

REEL: 005729 FRAME: 0842

NETLOGIC I LLC

By:   
\_\_\_\_\_  
Name: Anthony E. Maslowski  
Title: President and Chief Executive Officer

*[Signature Page to Trademark Security Agreement]*

BANK OF AMERICA, N.A., as Collateral Agent

By: Anthea Del Bianco

Name:









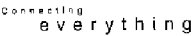




Title:


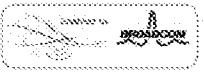
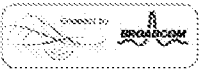


**Anthea Del Bianco**  
**Vice President**



Schedule I

## TRADEMARKS

COUNTRY	MARK	APP. NO.	REG. NO.	OWNER
United States of America		78/977,844	3,207,002	Broadcom Corporation
United States of America		75/666,751	2,392,926	Broadcom Corporation
United States of America		75/909,167	2,595,173	Broadcom Corporation
United States of America		85/594,106	4,260,722	Broadcom Corporation
United States of America		85/708,367		Broadcom Corporation
United States of America		85/983714	4,809,072	Broadcom Corporation
United States of America		77/046157	3521204	Broadcom Corporation
United States of America		76/230,502	3,154,434	Broadcom Corporation
United States of America		76/300,157	2,984,436	Broadcom Corporation
United States of America		75/667,440	2,326,387	Broadcom Corporation
United States of America		75/909,166	2,625,799	Broadcom Corporation
United States of America		85/084897	4,057,205	Broadcom Corporation
United States of America		77/836536	3,789,931	Broadcom Corporation

COUNTRY	MARK	APP. NO.	REG. NO.	OWNER
United States of America		77/836567	3,787,268	Broadcom Corporation
United States of America	 (ENABLED BY BROADCOM with Pulse Design and Waves)	77/897357	4,218,196	Broadcom Corporation
United States of America	 (ENABLED BY BROADCOM with Pulse Design and Waves)	77/982,559	4,057,055	Broadcom Corporation
United States of America		85/508,946	4,310,231	Broadcom Corporation
United States of America		78/721,870	3808572	Broadcom Corporation
United States of America	ACCELERANGE	77/580,333	3,857,448	Broadcom Corporation
United States of America	AIRFORCE	78/145,435	3,184,319	Broadcom Corporation
United States of America	AIRFORCE ONE	78/335,659	3,303,382	Broadcom Corporation
United States of America	ALCHEMY	77/449006	3,575,260	Broadcom Corporation
United States of America	ALTIMA	76/102,159	3,165,522	Broadcom Corporation
United States of America	AU	77/391110	3593947	Broadcom Corporation

1/30/16 1:04 PM

SV\1684889.1


**TRADEMARK**  
**REEL: 005729 FRAME: 0847**

COUNTRY	MARK	APP. NO.	REG. NO.	OWNER
United States of America	AU1210	77/407701	3498994	Broadcom Corporation
United States of America	AU1250	77/407678	3498993	Broadcom Corporation
United States of America	AU1300	77/401501	3613512	Broadcom Corporation
United States of America	AUTOGREEN	77/732093	3,880,805	Broadcom Corporation
United States of America	AUTONOMOUS ACCELERATION ENGINE	76/657097	3390329	Broadcom Corporation
United States of America	BARRACUDA	78/473,186	3,099,228	Global Locate, Inc.
United States of America	BLUTONIUM	76/183,603	2,762,297	Broadcom Corporation
United States of America	BROADCOM	74/513,786	2,132,930	Broadcom Corporation
United States of America	BROADCOM	75/666,750	2,392,925	Broadcom Corporation
United States of America	BROADCOM	75/909,168	2,595,174	Broadcom Corporation
United States of America	BROADCOM	77/836513	3,787,260	Broadcom Corporation
United States of America	BROADCOM	85/084890	4,053,794	Broadcom Corporation
United States of America	BROADCOM	85/246,099	4,037,851	Broadcom Corporation
United States of America	BROADCOM CHIPS	86/675664		Broadcom Corporation
United States of America		85/084,876	4,053,793	Broadcom Corporation
United States of America	BROADCOM MASTERS	85/106,532	4071488	Broadcom Corporation
United States of America	BROADCORE	75/909,150	2,951,950	Broadcom Corporation

1/30/16 1:04 PM

SV\1684889.1


**TRADEMARK**  
**REEL: 005729 FRAME: 0848**

COUNTRY	MARK	APP. NO.	REG. NO.	OWNER
United States of America	BROADLIGHT	76/163,572	2,913,459	Broadcom Corporation
United States of America	BROADLOGIC	77/046067	3521202	Broadcom Corporation
United States of America	BROADRANGE	78/948,853	3490624	Broadcom Corporation
United States of America	BROADR-REACH	77/065,765	3,790,530	Broadcom Corporation
United States of America	BROADSAFE	77/604543	3,685,319	Broadcom Corporation
United States of America	BROADSCALE	77/439518	4070882	Broadcom Corporation
United States of America	BROADSIDE	77/255,202	3,655,300	Broadcom Corporation
United States of America	BROADSYNC	77/255,215	3914649	Broadcom Corporation
United States of America	BROADVOICE	76/300,156	2,913,502	Broadcom Corporation
United States of America	CABLEXCHANGE	77/580,344	3,685,261	Broadcom Corporation
United States of America	CABLEXCHANGE	75/909,690	2,618,649	Broadcom Corporation
United States of America	CONNECT	85/249,563	4191483	Broadcom Corporation
United States of America	CONNECTING EVERYTHING	75/909,155	2,601,945	Broadcom Corporation
United States of America	CONNECTING EVERYTHING	77/836583	3,787,269	Broadcom Corporation
United States of America	DedicatedPlus Cache	77585025	3691514	NetLogic I LLC (f/k/a Netlogic Microsystems, Inc.)
United States of America	ENABLED BY BROADCOM	85/537475	4243609	Broadcom Corporation
United States of America	Enabled by 	77897395	4218197	Broadcom Corporation
United States of America	Enabled by 	77/982,447	4,042,824	Broadcom Corporation

1/30/16 1:04 PM

SV\1684889.1

**TRADEMARK**  
**REEL: 005729 FRAME: 0849**

COUNTRY	MARK	APP. NO.	REG. NO.	OWNER
United States of America		85/968562		Broadcom Corporation
United States of America	EYEOPENER	76/227,757	2,709,924	Broadcom Corporation
United States of America	FAST MESSAGING NETWORK	77/531948	3747907	Broadcom Corporation
United States of America	FASTPATH	76/288,409	2,723,295	Athena Semiconductors, LLC
United States of America	FASTRTV	77/855488	4006778	Broadcom Corporation
United States of America	FIREPATH	77/200,896	3483239	Broadcom Corporation
United States of America	GIGLE	77/552488	3779975	Broadcom Corporation
United States of America	INCONCERT	78/335,352	3,288,587	Broadcom Corporation
United States of America	INTENSI-FI	78/833,937	3,413,158	Broadcom Corporation
United States of America	LINKEYE	77/194,613	3,796,022	Broadcom Corporation
United States of America	MERLYN	85/237,360	4195415	Broadcom Corporation
United States of America	MEDIADSP	78/135244	2803657	Broadcom Corporation
United States of America	MEDIAXTREAM	77/552479	3691310	Broadcom Corporation
United States of America	MEDUSA	77/273,679	3,948,100	Broadcom Corporation
United States of America	MIB AUTOCAST	75/909,151	2,686,996	Broadcom Corporation
United States of America	NETLINK	78/379,299	3,163,468	Broadcom Corporation
United States of America	NETX	76/283,852	3,409,519	Broadcom Corporation

1/30/16 1:04 PM

SV\1684889.1

**TRADEMARK**  
**REEL: 005729 FRAME: 0850**

COUNTRY	MARK	APP. NO.	REG. NO.	OWNER
United States of America	NETXTREME	76/230,505	2,896,055	Broadcom Corporation
United States of America	NETXTREME II	78/589,619	3,373,849	Broadcom Corporation
United States of America	PACKETSYNC	76/118,314	2,643,934	Broadcom Corporation
United States of America	PERSONA	77/702628	3,797,182	Broadcom Corporation
United States of America	PHYR	77/225,286	3822290	Broadcom Corporation
United States of America	PROPANE	75/689,303	2,659,889	Broadcom Corporation
United States of America	QAMLINK	74/513,787	2,226,386	Broadcom Corporation
United States of America	QUADSQUAD	76/305,478	2,800,894	Broadcom Corporation
United States of America	RAIDCORE	78/556,766	3,509,911	Broadcom Corporation
United States of America	RECON	85/356,053	4,222,847	Broadcom Corporation
United States of America	RESIDENTIAL EHTERNET	75/358,756	2,356,321	Broadcom Corporation
United States of America	RMI	77/477137	3601454	Broadcom Corporation
United States of America	RMI ALCHEMY	77/535251	3743684	Broadcom Corporation
United States of America	Scalable Processor Solutions	77518119	3769787	NetLogic I LLC (f/k/a Netlogic Microsystems, Inc.)
United States of America	SERVERWORKS	75/841,146	2,900,068	Serverworks Corporation
United States of America	SES	77/034,700	3,415,092	Broadcom Corporation
United States of America	SIBYTE	75/542,977	2,702,789	Broadcom Corporation
United States of America	SIGNI-PHY	76/002,117	2,933,452	Broadcom Corporation

1/30/16 1:04 PM

SV\1684889.1

**TRADEMARK**  
**REEL: 005729 FRAME: 0851**

COUNTRY	MARK	APP. NO.	REG. NO.	OWNER
United States of America	SMARTAUDIO	77/087,202	3540849	Broadcom Corporation
United States of America	SMARTRADIO	78/145,441	3,395,650	Broadcom Corporation
United States of America	STINGRAY	78/473,188	3,134,027	Broadcom Corporation
United States of America	STRATACONNECT	85/841001	4523064	Broadcom Corporation
United States of America	STRATAGX	85935946	4469656	Broadcom Corporation
United States of America	STRATASWITCH	75/909,154	2,613,167	Broadcom Corporation
United States of America	STRATAXGS	76/410,502	2,803,292	Broadcom Corporation
United States of America	SuperSOC	77460888	3674707	NetLogic I LLC (f/k/a Netlogic Microsystems, Inc.)
United States of America	TEKNOVUS	78/659,194	3,191,573	Teknovus, Inc.
United States of America	TEKNOVUS	77/565,704	3,962,208	Teknovus, Inc.
United States of America	TERAPIX	77/035337	3521161	Broadcom Corporation
United States of America	TERAQAM	77/632518	3926159	Broadcom Corporation
United States of America	TOMAHAWK	86/609748		Broadcom Corporation
United States of America	TURBO-EPON	77/228,556	3,534,897	Teknovus, Inc.
United States of America	TURBOGIG	76/228,614	2,800,802	Broadcom Corporation
United States of America	TURBOQAM	78/206,985	3,174,711	Broadcom Corporation
United States of America	VIDEOCORE	76/630,537	3,134,740	Broadcom Corporation
United States of America	WARPCORE	85/348,581	4533914	Broadcom Corporation

1/30/16 1:04 PM

SV\1684889.1

**TRADEMARK**  
**REEL: 005729 FRAME: 0852**



COUNTRY	MARK	APP. NO.	REG. NO.	OWNER
United States of America	WICED	86/480786		Broadcom Corporation
United States of America	WICED BY BROADCOM	86/301913		Broadcom Corporation
United States of America		86/301916		Broadcom Corporation
United States of America	WICED SENSE	86/377522		Broadcom Corporation
United States of America	XELCORE	78/657,364	3584660	Broadcom Corporation
United States of America	XGS	77/756860	4422147	Broadcom Corporation
United States of America	XGS CORE	77/733121	3905045	Broadcom Corporation
United States of America	XLP	77/592462	3931520	Broadcom Corporation
United States of America	XLR	78/561058	3419892	Broadcom Corporation
United States of America	XLR PROCESSOR	77/411902	3476571	Broadcom Corporation
United States of America	XLS	76/657095	3485424	Broadcom Corporation
United States of America	XLS-BASED	77/518388	3594302	Broadcom Corporation
United States of America	XLS PROCESSOR	76/657094	3554529	Broadcom Corporation
United States of America	XTENDNET	77/755125	4,107,185	Broadcom Corporation

1/30/16 1:04 PM

SV\1684889.1

RECORDED: 02/11/2016

**TRADEMARK**  
**REEL: 005729 FRAME: 0853**