

## TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

ETAS ID: TM407093

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	NUNC PRO TUNC ASSIGNMENT
<b>EFFECTIVE DATE:</b>	02/01/2016

## CONVEYING PARTY DATA

Name	Formerly	Execution Date	Entity Type
Broadcom Corporation		11/17/2016	Corporation: CALIFORNIA

## RECEIVING PARTY DATA

<b>Name:</b>	Avago Technologies General IP (Singapore) Pte. Ltd.
<b>Street Address:</b>	1 Yishuan Avenue 7
<b>City:</b>	Singapore
<b>State/Country:</b>	SINGAPORE
<b>Postal Code:</b>	768923
<b>Entity Type:</b>	Corporation: SINGAPORE

## PROPERTY NUMBERS Total: 42

Property Type	Number	Word Mark
Serial Number:	86675664	BROADCOM CHIPS
Registration Number:	3207002	
Registration Number:	2392926	
Registration Number:	2595173	
Registration Number:	4260722	
Serial Number:	85708367	
Registration Number:	4809072	
Registration Number:	3521204	
Registration Number:	3154434	ALTIMA COMMUNICATIONS
Registration Number:	2984436	CONNECTING EVERYTHING
Registration Number:	2326387	BROADCOM
Registration Number:	2625799	BROADCOM
Registration Number:	4057205	BROADCOM
Registration Number:	3789931	BROADCOM
Registration Number:	3787268	BROADCOM
Registration Number:	4218196	ENABLED BY BROADCOM
Registration Number:	4057055	ENABLED BY BROADCOM
Registration Number:	4310231	5G WIFI

OP \$1065.00 86675664

Property Type	Number	Word Mark
Registration Number:	3808572	NETXTREME II NETX II BROADCOM
Registration Number:	3857448	ACCELERANGE
Registration Number:	3184319	AIRFORCE
Registration Number:	3303382	AIRFORCE ONE
Registration Number:	3575260	ALCHEMY
Registration Number:	3165522	ALTIMA
Registration Number:	3593947	AU
Registration Number:	3498994	AU1210
Registration Number:	3498993	AU1250
Registration Number:	3613512	AU1300
Registration Number:	3880805	AUTOGREEN
Registration Number:	3390329	AUTONOMOUS ACCELERATION ENGINE
Registration Number:	2762297	BLUTONIUM
Registration Number:	2132930	BROADCOM
Registration Number:	2392925	BROADCOM
Registration Number:	2595174	BROADCOM
Registration Number:	3787260	BROADCOM
Registration Number:	4053794	BROADCOM
Registration Number:	4037851	BROADCOM
Registration Number:	4053793	BROADCOM FOUNDATION
Registration Number:	4071488	BROADCOM MASTERS
Registration Number:	2913459	BROADLIGHT
Registration Number:	3521202	BROADLOGIC
Registration Number:	3490624	BROADRANGE

**CORRESPONDENCE DATA**

**Fax Number:** 9497609502

*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.*

**Phone:** (949) 760-0404

**Email:** efiling@knobbe.com

**Correspondent Name:** Susan M. Natland

**Address Line 1:** 2040 Main St Fl 14

**Address Line 4:** Irvine, CALIFORNIA 92614

**DOMESTIC REPRESENTATIVE**

**Name:** Knobbe, Martens, Olson & Bear, LLP

**Address Line 1:** 2040 Main Street, 14th Floor

**Address Line 4:** Irvine, CALIFORNIA 92614

**NAME OF SUBMITTER:** Susan M. Natland

<b>SIGNATURE:</b>	/susan natland/
<b>DATE SIGNED:</b>	11/30/2016
<b>Total Attachments: 10</b> source=Assignment - Brodcom to Avago 2#page1.tif source=Assignment - Brodcom to Avago 2#page2.tif source=Assignment - Brodcom to Avago 2#page3.tif source=Assignment - Brodcom to Avago 2#page4.tif source=Assignment - Brodcom to Avago 2#page5.tif source=Assignment - Brodcom to Avago 2#page6.tif source=Assignment - Brodcom to Avago 2#page7.tif source=Assignment - Brodcom to Avago 2#page8.tif source=Assignment - Brodcom to Avago 2#page9.tif source=Assignment - Brodcom to Avago 2#page10.tif	

BROCA.002GEN

**CONFIRMATORY TRADEMARK ASSIGNMENT**

This Confirmatory Trademark Assignment (hereinafter referred to as "Assignment") is effective as of February 1, 2016 ("Effective Date") by and between Broadcom Corporation, a California corporation, with a place of business at 5300 California Avenue, Irvine, California 92617, USA (hereinafter referred to as "ASSIGNOR"), and Avago Technologies General IP (Singapore) Pte. Ltd., a Singapore corporation with a place of business at No. 1 Yishun Avenue 7 Singapore, Singapore 768923 (hereinafter referred to as "ASSIGNEE").

WHEREAS, ASSIGNOR represents and confirms that prior to the Effective Date of this Assignment, ASSIGNOR was the owner of the trademark applications and registrations shown in Exhibit 1, and all other rights appurtenant thereto, including, but not limited to, all common law rights, trade name rights, causes of action, and the right to recover for past infringement worldwide (hereinafter collectively referred to as "the Trademarks");


WHEREAS, ASSIGNEE desired to acquire all rights, title, and interest in and to the Trademarks worldwide;

WHEREAS, ASSIGNOR was willing to assign to ASSIGNEE all rights, title, and interest in and to the Trademarks worldwide; and

WHEREAS, ASSIGNOR did assign, convey, transfer, set over and grant, and wishes to confirm its assignment, conveyance, transfer, set over and grant to ASSIGNEE, as of the Effective Date of this Assignment, all rights, title, and interest as ASSIGNOR did possess in and to the Trademarks worldwide.

NOW, THEREFORE, for good and adequate consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR hereby acknowledges and confirms the assignment to ASSIGNEE of all rights, title, and interest as ASSIGNOR may possess in and to the Trademarks.

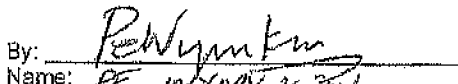
**BROADCOM CORPORATION**

By:   
Name: Bradley Blanche  
Title: Assistant General Counsel

Date: 17 Nov 2016

(SIGN IN PRESENCE OF NOTARY)

**AVAGO TECHNOLOGIES GENERAL IP (SINGAPORE) PTE. LTD.**

By:   
Name: PE WYNN K. TAN  
Title: COMPANY SECRETARY

Date: 8 NOV 2016


(SIGN IN PRESENCE OF NOTARY)

NOTARIAL CERTIFICATE

TO ALL TO WHOM THESE PRESENTS shall come, I, Chen Wen Woan Angela, Notary Public, duly authorised, appointed and practising at Singapore, in the Republic of Singapore, do hereby certify and attest that I was present on the 8th day of November 2016 at Singapore and Pe Wynn Kin (holder of Republic of Singapore Identity Card No S2188314Z), the person named and representing himself as the Company Secretary of AVAGO TECHNOLOGIES GENERAL IP (SINGAPORE) PTE. LTD. in the annexed "CONFIRMATORY TRADEMARK ASSIGNMENT", appeared before me and duly signed the said annexed CONFIRMATORY TRADEMARK ASSIGNMENT in my presence, and that the signature of the said Pe Wynn Kin thereto subscribed is of his own, true and proper handwriting.

IN FAITH AND TESTIMONY WHEREOF

I have hereunto subscribed my name and affixed my Seal of Office at Singapore this 8th day of November 2016.

  
NOTARY PUBLIC  
Singapore



CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

CIVIL CODE § 1189

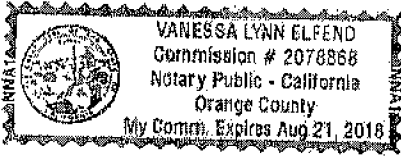
A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California )
County of Orange )
On November 17, 2010 before me, Vanessa Lynn Elfend, Notary Public
Date Here Insert Name and Title of the Officer
personally appeared Bradley D. Blanche
Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



Signature [Handwritten Signature]
Signature of Notary Public

Place Notary Seal Above

OPTIONAL

Though this section is optional, completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

Description of Attached Document

Title or Type of Document: Document Date:

Number of Pages: Signer(s) Other Than Named Above:

Capacity(ies) Claimed by Signer(s)

Signer's Name:

Signer's Name:

Corporate Officer - Title(s):

Corporate Officer - Title(s):

Partner - Limited General

Partner - Limited General

Individual Attorney in Fact

Individual Attorney in Fact

Trustee Guardian or Conservator

Trustee Guardian or Conservator

Other:












Other:



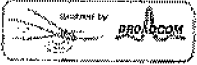
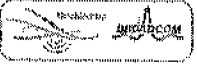


Signer Is Representing:

Signer Is Representing:


**EXHIBIT 1**  
**TRADEMARK SUMMARY CHART**  
**BROADCOM CORPORATION to AVAGO TECHNOLOGIES GENERAL IP (SINGAPORE) PTE.**  
**LTD.**  
**BROCA.002GEN**


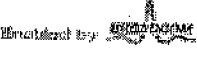
U.S. MARKS:

MARK	KIMB REF. NO. (BROCA)	APP. NO. FILING DATE	REG. NO. REG. DATE	CLASS(ES)
	090TD1	78/977,844 03/01/05	3,207,002 02/06/07	9
	051T	75/666,751 03/23/99	2,392,926 10/10/00	9
	141T	75/909,167 02/04/00	2,595,173 07/16/02	42
	918T	85/594,106 04/10/12	4,260,722 12/18/12	9
	1008T	85/708,367 08/20/12		9, 14, 16, 18, 20, 21, 22, 24, 25 and 28
	1008TD1	85/983714 08/20/12	4,609,072 09/08/15	42
	1026T	77/046157 11/16/06	3521204 10/21/08	9
	175T	76/230,502 03/23/01	3,154,434 10/10/06	9
Demoting everything	180T	76/300,157 08/14/01	2,984,436 06/16/05	9 and 42
	026T	75/667,440 03/23/99	2,326,387 03/07/00	9
	101T	75/909,166 02/04/00	2,625,799 09/24/02	42
	PB - 823T	85/084897 07/14/10	4,057,205 11/15/11	35, 36 and 41

MARK	KMOB REF NO: (BROC)	APP NO FILING DATE	REG NO REG DATE	CLASS(S)
	770T	77/836536 9/28/09	3,789,931 05/18/10	9
	771T	77/836567 09/28/09	3,787,268 05/11/10	9
 (ENABLED BY BROADCOM with Pulse Design and Waves)	790T	77/897357 12/18/09	4,218,196 10/02/12	9
 (ENABLED BY BROADCOM with Pulse Design and Waves)	790TD1	77/982,559 12/18/09	4,057,055 11/15/11	9
	910T	85/508,946 01/04/12	4,310,231 03/26/13	9
	040T	78/721,870 09/27/05	3808572 06/22/10	9 and 42
ACCELERANGE	736T	77/580,333 09/26/08	3,857,448 10/05/10	9
AIRFORCE	071T	78/145,435 07/18/02	3,184,319 12/12/06	9
AIRFORCE ONE	076T	78/335,659 12/03/03	3,303,382 10/02/07	9
ALCHEMY	932T	77/449006 04/15/08	3,575,260 02/17/09	9
ALTIMA	058T	76/102,159 08/02/00	3,165,522 10/31/06	9
AU	939T	77/391110	3593947	9



MARK	KMOB REF NO (BROC)	APP NO FILING DATE	REG NO REG DATE	CLASS(ES)
		02/07/08	03/24/09	
AU1210	943T	77/4077010 02/27/08	3498994 09/09/08	9
AU1250	944T	77/407678 02/27/08	3498993 09/09/08	9
AU1300	945T	77/401501 02/20/08	3613512 04/28/09	9
AUTOGREEN	759T	77/732093 05/07/09	3,880,805 11/23/10	9
AUTONOMOUS ACCELERATION ENGINE	952T	76/657097 03/22/06	3390329 02/26/08	9
BLUTONIUM	094T	76/183,603 12/19/00	2,762,297 09/09/03	9
BROADCOM	092T	74/513,786 04/18/94	2,132,930 01/27/98	9
BROADCOM	093T	75/666,750 03/23/99	2,392,925 10/10/00	9
BROADCOM	100T	75/909,168 02/04/00	2,595,174 07/16/02	42
BROADCOM	551T	77/836513 9/28/09	3,767,260 05/11/10	9
BROADCOM	PB- 824T	85/084890 07/14/10	4,053,794 11/08/11	35, 36 and 41
BROADCOM	850T	85/246,099 02/18/11	4,037,851 10/118/11	16, 18 and 25
BROADCOM CHIPS	1178T	86/675664 26-Jun-2015		9 and 42
BROADCOM FOUNDATION 	PB - 825T	85/084,876 07/14/10	4,053,793 11/08/11	35, 36 and 41
BROADCOM MASTERS	PB - 828T	85/106,532 08/12/10	4071488 12/13/11	41
BROADLIGHT	1007T	76/163,572 11/13/00	2,913,459 12/21/04	9
BROADLOGIC	1027T	77/046067 11/16/06	3521202 10/21/08	9
BROADRANGE	370T	78/948,853 08/09/08	3490624 08/19/08	9

MARK	KMOB REF. NO. (BROCK)	APP. NO. FILING DATE	REG. NO. REG. DATE	CLASS(ES)
BROADR-REACH	324T	77/065,765 12/15/06	3,790,530 05/18/10	9
BROADSAFE	733T	77/604543 10/30/08	3,685,319 09/22/09	9
BROADSCALE	730T	77/439518 4/03/08	4070882 12/13/11	9
BROADSYNC	546T	77/255,215 08/14/04	3914649 02/01/11	9
BROADVOICE	069T	76/300,156 08/14/01	2,913,502 12/21/04	9
CABLEXCHANGE	768T	77/580,344 09/26/08	3,685,261 09/22/09	9
CABLEXCHANGE	136T	75/909,690 02/04/00	2,618,649 09/10/02	9 and 42
CONNECT	854T	85/249,563 02/23/11	4191483 08/14/12	9
CONNECTING EVERYTHING	138T	75/909,155 02/04/00	2,601,945 07/30/02	9 and 42
CONNECTING EVERYTHING	774T	77/836583 9/28/09	3,787,269 05/11/10	9
ENABLED BY BROADCOM	916T	85/537475 02/08/12	4243609 11/13/12	9
	789T	77/897395 12/18/09	4218197 10/02/12	9
	789TD1	77/982,447 12/18/09	4,042,824 10/18/11	9
EYEOPENER	173T	76/227,757 03/21/01	2,709,924 04/22/03	9
FAST MESSAGING NETWORK	956T	77/531948 03/22/06	3747907 02/09/10	9
FASTPATH	660T	76/288,409 07/20/01	2,723,295 06/10/03	9
FASTRTV	772T	77/855488 10/22/09	4006778 08/02/11	9

MARK	KMOB REF NO (BROG)	APP NO FILING DATE	REG NO REG DATE	CLASS(ES)
FIREPATH	360T	77/200,896 06/07/07	3483239 08/12/08	9
INCONCERT	037T	78/335,352 12/02/03	3,288,587 9/04/07	9
INTENSI-FI	013T	78/833,937 03/09/06	3,413,158 4/15/08	9
LINKEYE	557T	77/194,613 05/31/07	3,796,022 06/01/10	9
MERLYN	849T	85/237,360 02/08/11	4195415 08/21/12	9
MEDIADSP	755T	78/135244 06/12/02	2803657 01/06/04	9
MEDIAXTREAM	843T	77/552479 08/21/08	3691310 10/06/09	9 and 42
MEDUSA	677T	77/273,679 9/06/07	3,948,100 04/19/11	9
MIB AUTOCAST	132T	75/909,151 02/04/00	2,686,996 02/11/03	9
NETLINK	084T	78/379,299 03/05/04	3,163,468 10/24/06	9
NETX	068T	76/283,852 07/12/01	3,409,519 4/08/08	9
NETXTREME	174T	78/230,505 03/23/01	2,896,055 10/19/04	9
NETXTREME II	039T	78/589,619 09/14/05	3,373,849 01/22/08	9
PACKETSYNC	171T	78/118,314 08/29/00	2,643,934 10/29/02	9
PERSONA	746T	77/702628 03/30/09	3,797,182 06/01/10	9
PHYR	670T	77/225,286 07/09/07	3822290 07/20/10	9
PROPANE /	126T	75/689,303 04/23/99	2,659,889 12/10/02	9
QAMLINK	046T	74/513,787 04/18/94	2,226,386 02/23/99	9
QUADSQUAD	070T	78/305,478 08/27/01	2,800,894 12/30/03	9

MARK	KMOB REF. NO. (BROC)	APP. NO. FILING DATE	REG. NO. REG. DATE	CLASSES
RAIDCORE	085T	78/556,766 01/31/05	3,509,911 09/30/08	9
RECON	865T	85/366,053 06/24/11	4,222,847 10/09/12	9
RESIDENTIAL EHTERNET	047T	75/358,756 09/17/97	2,356,321 06/06/00	9
RMI	969T	77/477137 16-May-2008	3601454 07-Apr-2009	42
RMI ALCHEMY	972T	77/535251 30-Jul-2008	3743684 02-Feb-2010	42
SECURE EASY SETUP	083TD1	78/977,666 12/17/04	3,204,696 01/30/07	9
SERVERWORKS	052T	75/841,146 11/04/99	2,900,068 11/02/04	9
SES	508T	77/034,700 11/01/06	3,415,092 4/22/08	9
SIBYTE	124T	75/542,977 08/26/98	2,702,789 04/01/03	9
SIGNI-PHY	145T	76/002,117 03/13/00	2,933,452 03/15/05	9
SMARTAUDIO	542T	77/087,202 01/19/07	3540849 12/02/08	9
SMARTRADIO	183T	78/145,441 07/18/02	3,395,650 03/11/08	9
STINGRAY	688T	78/473,188 08/25/04	3,134,027 08/22/06	9
STRATACONNECT	1052T	85/841001 02/05/13	4523064 04/29/14	9
STRATAGX	998T	85935946 05/17/13	4469656 01/21/14	9
STRATASWITCH	140T	75/909,154 02/04/00	2,613,167 08/27/02	9
STRATAXGS	178T	76/410,502 05/21/02	2,803,292 01/06/04	9
TEKNOVUS	816T	78/659,194 06/27/05	3,191,573 01/02/07	9
TEKNOVUS	812T	77/565,704 09/09/08	3,962,208 05/17/11	9 and 42
TERAPIX	1025T	77/035337	3521161	9

MARK	KMOB REF NO (BROCC)	APP NO FILING DATE	REG NO REG DATE	CLASS(ES)
		11/02/06	10/21/18	
TERAQAM	1028T	77/632518 12/12/08	3926159 03/01/11	9
TOMAHAWK	1133T	88/609748 04/24/15		9
TURBO-EPON	814T	77/228,556 07/12/07	3,534,897 11/18/08	9
TURBOGIG	177T	76/228,614 03/22/01	2,800,802 12/30/03	9
TURBOQAM	072T	78/206,985 01/24/03	3,174,711 11/21/06	9
VIDEOCORE	335T	76/630,537 02/04/05	3,134,740 08/29/06	9 and 42
WARPCORE	877T	85/348,581 06/16/11	4533914 05/20/14	9
XELCORE	091T	78/657,364 06/23/05	3584660 03/03/09	9
XGS	763T	77/756860 6/10/09	4422147 10/22/13	9
XGS CORE	764T	77/733121 05/08/09	3905045 01/11/11	9
XLP	980T	77/592462 10/14/08	3931520 03/15/11	9
XLR	931T	78/561058 02/04/05	3419892 04/29/08	9
XLR PROCESSOR	984T	77/411902 03/03/08	3476571 07/29/08	9
XLS	930T	76/657095 03/22/06	3485424 08/12/08	9
XLS-BASED	1000T	77/518388 07/09/08	3594302 03/24/09	9
XLS PROCESSOR	987T	76/657094 03/22/06	3554529 12/30/08	9
XTENDNET	844T	77/55125 06/09/09	4,107,185 03/06/12	9