## UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

SCHEDULE 13G

Under the Securities Exchange Act of 1934

(Amendment No. 2)\*

Broadcom Limited (Name of Issuer)

Ordinary Shares (Title of Class of Securities)

> BD9WQP4 (CUSIP Number)

December 29, 2017 (Date of Event Which Requires Filing of this Statement)

Check	the	appropriate	box	to	designate	the	rule	pursuant	to	which	this
Schedu	ule :	is filed:									
[X] Rı	ule :	13d-1(b)									

[ ] Rule 13d-1(c)

[ ] Rule 13d-1(d)

\*The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

CUSIP: BD9WQP4 Page 1 of 4

- 1 NAMES OF REPORTING PERSONS
  I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY)
  Capital World Investors \*\*
- 2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS)

(a)

(b)

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION

Delaware

SOLE VOTING POWER 43,315,049 SHARED VOTING POWER NUMBER OF NONE SHARES **BENEFICIALL** Y OWNED BY SOLE DISPOSITIVE POWER **EACH** REPORTING 43,340,719 **PERSON** WITH: 8 SHARED DISPOSITIVE POWER NONE AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 43,340,719 Beneficial ownership disclaimed pursuant to Rule 13d-4 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS) 11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9 10.5% 12 TYPE OF REPORTING PERSON (SEE INSTRUCTIONS) TΑ \*\* A division of Capital Research and Management Company (CRMC) CUSIP: BD9WQP4 Page 2 of 4 SECURITIES AND EXCHANGE COMMISSION Washington, DC 20549 Schedule 13G Under the Securities Exchange Act of 1934 Amendment No. 2 Item 1(a) Name of Issuer: **Broadcom Limited** Address of Issuer's Principal Executive Offices: Item 1(b) 1 Yishun Avenue 7 Singapore 768923 Name of Person(s) Filing: Item 2(a) Capital World Investors Item 2(b) Address of Principal Business Office or, if none, Résidence: 333 South Hope Street Los Angeles, CA 90071 Citizenship: Item 2(c) N/A Item 2(d) Title of Class of Securities: Ordinary Shares CUSIP Number: Item 2(e) BD9WQP4

If this statement is filed pursuant to sections 240.13d-1(b)

An investment adviser in accordance with

or 240.13d-2(b) or (c), check whether the person filing is a:

Item 3

(e)

[X]

section 240.13d-1(b)(1)(ii)(E).

## Item 4 Ownership

Provide the following information regarding the aggregate number and percentage of the class of securities of the issuer identified in Item 1.

- (a) Amount beneficially owned:
- (b) Percent of class:
- (c) Number of shares as to which the person has:
- (i) Sole power to vote or to direct the vote:
- (ii) Shared power to vote or to direct the vote:
- (iii) Sole power to dispose or to direct the disposition of:
- (iv) Shared power to dispose or to direct the disposition of:

See page 2

Capital World Investors divisions of CRMC and Capital International Limited collectively provide investment management services under the name Capital World Investors. Capital World Investors is deemed to be the beneficial owner of 43,340,719 shares or 10.5% of the 409,362,475 shares believed to be outstanding.

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Item 5 Ownership of Five Percent or Less of a Class. If this
 statement is being filed to report the fact that as of the date
 hereof the reporting person has ceased to be the beneficial
 owner of more than five percent of the class of securities,
 check the following: [ ]

- Item 6 Ownership of More than Five Percent on Behalf of Another Person: N/A
- Item 7 Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent Holding Company or Control Person: N/A
- Item 8 Identification and Classification of Members of the Group: N/A
- Item 9 Notice of Dissolution of Group: N/A
- Item 10 Certification

By signing below, I certify that, to the best of my knowledge and belief, the securities referred to above were acquired and are held in the ordinary course of business and were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

## Signature

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Date: February 8, 2018

Signature: /s/ Michael J. Triessl

Name/Title: Michael J. Triessl - Senior Vice President and Senior Counsel, Fund

Business Management Group

Capital Research and Management Company

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