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

SCHEDULE 13D/A
Under the Securities Exchange Act of 1934
(Amendment No. 3)*

SEMICONDUCTOR MANUFACTURING INTERNATIONAL CORPORATION

(Name of Issuer)

Common Shares, par value US\$0.0004 Per Share

(Title of Class of Securities)

81663 N206

(CUSIP Number)

Zheng Jinliang
Legal Counsel
Datang Telecom Technology & Industry Holdings Co., Ltd.
No. 40 Xueyuan Road
Beijing 100191, China
Telephone: +86 10 62301914

With a copy to:

Shuang Zhao, Esq.
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c/o 12th Floor, Gloucester Tower
15 Queen's Road
Central, Hong Kong
(852) 2978-8000

(Name, Address and Telephone Number of Person
Authorized to Receive Notices and Communications)

June 4, 2012

(Date of Event which Requires Filing of this Statement)

If the filing person has previously filed a statement on Schedule 13G to report the acquisition that is the subject of this Schedule 13D, and is filing this schedule because of §§240.13d-1(e), 240.13d-1(f) or 240.13d-1(g), check the following box.

Note: Schedules filed in paper format shall include a signed original and five copies of the schedule, including all exhibits. See §240.13d-7 for other parties to whom copies are to be sent.

*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 disclosures provided in a prior cover page.

The information required on 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).

SCHEDULE 13D/A

CUSIP No. 81663 N206

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1	NAME OF REPORTING PERSONS. Datang Telecom Technology & Industry Holdings Co., Ltd.	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (See Instructions) (a) <input checked="" type="checkbox"/> (b) <input type="checkbox"/>	
3	SEC USE ONLY	
4	SOURCE OF FUNDS (See Instructions)	
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) or 2(e) <input type="checkbox"/>	
6	CITIZENSHIP OR PLACE OF ORGANIZATION People's Republic of China	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7	SOLE VOTING POWER None
	8	SHARED VOTING POWER 6,238,316,999 ¹
	9	SOLE DISPOSITIVE POWER None
	10	SHARED DISPOSITIVE POWER 6,238,316,999
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 6,238,316,999	
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (See Instructions) <input type="checkbox"/>	
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 19.5% ²	
14	TYPE OF REPORTING PERSON (See Instructions) CO	

¹ Consists of: (i) 6,236,744,341 shares of common stock, par value US\$0.0004 each (the "Common Stock"), 849,568,580 shares of which were issued upon conversion of 84,956,858 convertible preferred shares, par value US\$0.0004 each,

of Semiconductor Manufacturing International Corporation (the “**Issuer**”); and (ii) 1,572,658 shares of Common Stock issuable upon the exercise of options held by Mr. Gao Yonggang and Mr. Chen Shanzhi within 60 days from the date hereof.

² This calculation is rounded to the nearest tenth and is based on 31,984,188,130 shares of Common Stock of the Issuer outstanding as of August 31, 2012 as published on the Hong Kong Stock Exchange.

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1	NAME OF REPORTING PERSONS. Datang Holdings (Hongkong) Investment Company Limited	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (See Instructions) (a) <input checked="" type="checkbox"/> x (b) <input type="checkbox"/> o	
3	SEC USE ONLY	
4	SOURCE OF FUNDS (See Instructions)	
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) or 2(e) <input type="checkbox"/> o	
6	CITIZENSHIP OR PLACE OF ORGANIZATION Hong Kong	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7	SOLE VOTING POWER None
	8	SHARED VOTING POWER 6,238,316,999 ³
	9	SOLE DISPOSITIVE POWER None
	10	SHARED DISPOSITIVE POWER 6,238,316,999
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 6,238,316,999	
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (See Instructions) <input type="checkbox"/> o	
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 19.5% ⁴	
14	TYPE OF REPORTING PERSON (See Instructions) CO	

³ Consists of: (i) 6,236,744,341 shares of Common Stock, 849,568,580 shares of which were issued upon conversion of 84,956,858 convertible preferred shares, par value US\$0.0004 each, of the Issuer; and (ii) 1,572,658 shares of Common Stock

issuable upon the exercise of options held by Mr. Gao Yonggang and Mr. Chen Shanzhi within 60 days from the date hereof.

⁴ This calculation is rounded to the nearest tenth and is based on 31,984,188,130 shares of Common Stock of the Issuer outstanding as of August 31, 2012 as published on the Hong Kong Stock Exchange.

Item 1. Security and Issuer

This Amendment No. 3 (this “**Amendment**”) amends the Schedule 13D jointly filed with the Securities and Exchange Commission (the “**SEC**”) on November 17, 2008, as previously amended by Amendment No. 1 filed on January 5, 2009 and Amendment No. 2 filed on January 20, 2012, respectively (the “**Original Schedule 13D**”), with respect to the common stock, par value US\$0.0004 per share (the “**Common Stock**”), of Semiconductor Manufacturing International Corporation (“**SMIC**” or the “**Issuer**”), a company incorporated in the Cayman Islands, having its principal executive offices at 18 Zhangjiang Road, Pudong New Area, Shanghai 201203, People’s Republic of China. Unless otherwise stated herein, the Original Schedule 13D remains in full force and effect. Terms used therein and not defined herein have the meanings ascribed thereto in the Original Schedule 13D.

Item 2. Identity and Background

The Item 2 is hereby amended in its entirety as follows:

(a) — (c); (f) This Amendment is being filed by (i) Datang Telecom Technology & Industry Holdings Co., Ltd., a corporation organized under the laws of the People’s Republic of China (“**Datang**”), and (ii) Datang Holdings (Hongkong) Investment Company Limited, a corporation organized under the laws of Hong Kong (the “**HKCo**”). Datang and HKCo are hereinafter referred to, collectively the “**Reporting Persons**” and each a “**Reporting Person**”. Each of the Reporting Persons is party to that certain Joint Filing Agreement, as further described in Item 6. Accordingly, the Reporting Persons are hereby filing a joint amendment to Schedule 13D. Datang’s principal office address is No. 40 Xueyuan Road, 100191, Beijing, People’s Republic of China. The principal business of Datang is technology development and innovation in mobile telecommunication and chip design. HKCo’s principal office address is 18th Floor, Edinburgh Tower, the Landmark, 15 Queen’s Road, Central, Hong Kong. The principal business of HKCo is investment holdings.

Schedule A below lists the executive officers and directors of Datang and contains the information concerning each person including: (i) name; (ii) business address; (iii) present principal occupation or employment and the name, principal business and address of any corporation or other organization in which such employment is conducted; and (iv) citizenship:

Schedule A

Name	Citizenship	Present Principal Occupation or Employment	Business Address
Zhen Caiji	Chinese	Director & Chairman & President	No. 40 Xueyuan Road, 100191, Beijing, China
Yang Yigang	Chinese	Senior Vice President	No. 40 Xueyuan Road, 100191, Beijing, China
Huang Zhiqin	Chinese	Senior Vice President	No. 40 Xueyuan Road, 100191, Beijing, China
Gao Yonggang	Chinese	Director & Senior Vice President	No. 40 Xueyuan Road, 100191, Beijing, China
Chen Shanzhi	Chinese	Senior Vice President	No. 40 Xueyuan Road, 100191, Beijing, China
Zhou Desheng	Chinese	Vice President	No. 40 Xueyuan Road, 100191, Beijing, China

Li Yonghua	Chinese	Vice President	No. 40 Xueyuan Road, 100191, Beijing, China
Lang Liyan	Chinese	Director	No. 40 Xueyuan Road, 100191, Beijing, China
Wang Yi	Chinese	Independent Director	No. 40 Xueyuan Road, 100191, Beijing, China
Li Weian	Chinese	Independent Director	No. 40 Xueyuan Road, 100191, Beijing, China
Ye Tianchun	Chinese	Independent Director	No. 40 Xueyuan Road, 100191, Beijing, China
Duan Chenhui	Chinese	Director	No. 40 Xueyuan Road, 100191, Beijing, China
Lu Ruizhong	Chinese	Director	No. 40 Xueyuan Road, 100191, Beijing, China
Yu Rui	Chinese	Director	No. 40 Xueyuan Road, 100191, Beijing, China

(d) — (e) During the past five years, neither Datang nor, to the best of its knowledge, any person named in Schedule A above, has been (i) convicted in a criminal proceeding (excluding traffic violations or similar misdemeanors) or (ii) a party to a civil proceeding of a judicial or administrative body of competent jurisdiction and as a result of such proceeding was or is subject to a judgment, decree or final order enjoining future violations of, or prohibiting or mandating activities subject to, federal or state securities laws or finding any violation with respect to such laws.

Schedule B below lists the executive officers and directors of HKCo and contains the information concerning each person including: (i) name; (ii) business address; (iii) present principal occupation or employment and the name, principal business and address of any corporation or other organization in which such employment is conducted; and (iv) citizenship:

Schedule B

<u>Name</u>	<u>Citizenship</u>	<u>Present Principal Occupation or Employment</u>	<u>Business Address</u>
Zhen Caiji	Chinese	Director—HKCo	No. 40 Xueyuan Road, 100191, Beijing, China

(d) — (e) During the past five years, neither HKCo nor, to the best of its knowledge, any person named in Schedule B above, has been (i) convicted in a criminal proceeding (excluding traffic violations or similar misdemeanors) or (ii) a party to a civil proceeding of a judicial or administrative body of competent jurisdiction and as a result of such proceeding was or is subject to a judgment, decree or final order enjoining future violations of, or prohibiting or mandating activities subject to, federal or state securities laws or finding any violation with respect to such laws.

securities laws or finding any violation with respect to such laws.

Item 3. Source and Amount of Funds or Other Consideration

The Item 3 is hereby amended in its entirety as follows:

On November 6, 2008, the Issuer and Datang entered into a share purchase agreement (the “**2008 SPA**”), pursuant to which Datang purchased on December 24, 2008 an aggregate of 3,699,094,300 shares of Common Stock (the “**2008 Subscription**”). The 2008 SPA provides that in the event that the Issuer proposes to issue any new shares of Common Stock, any shares convertible into or exchangeable into Common Stock or any warrants or other rights to subscribe for Common Stock of the Issuer following the 2008 Subscription, Datang shall have the pre-emptive right to purchase equity securities of the Issuer to enable Datang to hold after such issuance a pro rata portion of the Common Stock equal to the percentage of the issued share capital of the Issuer then beneficially owned by Datang prior to such issuance.

On July 8, 2010, J.P. Morgan Securities (Asia Pacific) Limited and the Royal Bank of Scotland N.V., Hong Kong Branch entered into a placing agreement with the Issuer to place 1.5 billion new shares of Common Stock of the Issuer to certain independent third parties. Subsequent to the Issuer’s placement of 1.5 billion new shares of Common Stock in July 2010, on August 16, 2010 Datang entered into a subscription agreement (the “**2010 SPA**”) with the Issuer pursuant to which Datang purchased through HKCo on November 16, 2010 a total of 1,528,038,461 shares of Common Stock, including 269,730,844 shares pursuant to its pre-emptive right under the 2008 SPA (the “**Pre-emptive Shares**”) and 1,258,307,617 new shares in addition to the Pre-emptive Shares.

On April 18, 2011, the Issuer entered into a subscription agreement with Country Hill Limited (“**CIC**”), a wholly-owned subsidiary of China Investment Corporation, pursuant to which the Issuer issued to CIC on June 3, 2011 (i) 360,589,053 convertible preferred shares, par value US\$0.0004 each, (the “**Convertible Preferred Shares**”) at a price of HK\$5.39 per Convertible Preferred Share, and (ii) a warrant to purchase up to 72,117,810 Convertible Preferred Shares at an exercise price of HK\$5.39 per Convertible Preferred Share, as disclosed in the Schedule 13D filed by CIC on June 13, 2011. Pursuant to a further subscription agreement dated May 5, 2011 (the “**2011 SPA**”) and a warrant agreement dated September 16, 2011 (the “**2011 Warrant Agreement**”) entered into by Datang with the Issuer, Datang purchased through HKCo on September 16, 2011 (i) 84,956,858 Convertible Preferred Shares at a price of HK\$5.39 per Convertible Preferred Share; and (ii) a warrant to purchase 16,991,371 Convertible Preferred Shares at an exercise price of HK\$5.39 per Convertible Preferred Share (the “**Warrant**”) pursuant to its pre-emptive right under the 2008 SPA. Pursuant to the 2011 SPA, Datang’s Convertible Preferred Shares were mandatorily converted into Common Stock at the then applicable conversion rate on June 4, 2012. Pursuant to the 2011 Warrant Agreement, the Warrants terminated and became void as of 11:59 p.m., Hong Kong time, June 4, 2012.

Upon (1) the conversion of 84,956,858 Convertible Preferred Shares into 849,568,580 shares of Common Stock; and (2) the expiration of the warrants to subscribe for 16,991,371 convertible preferred shares, each Reporting Persons’ beneficial ownership in the Issuer has changed to 19.5% accordingly.

The description of the 2008 SPA, 2010 SPA, 2011 SPA and 2011 Warrant Agreement is a summary and is qualified in its entirety by the terms of such agreements, copies of which are incorporated by reference as described in Exhibits A, B, C, and D, respectively, to this Amendment, and each of which is incorporated by reference into this Item 3.

Item 4. Purpose of Transaction

Item 4 is hereby supplemented as follows:

The information set forth in Item 3 of this Amendment is hereby incorporated by reference in its entirety into this Item 4.

The Reporting Persons may further purchase, hold, vote, trade, dispose or otherwise deal in the Common Stock at times, and in such manner, as they deem advisable, subject to applicable law, to benefit from changes in market prices of such Common Stock, changes in the Issuer’s operations, business strategy or prospects, or from sale or merger of the Issuer. To evaluate such alternatives, the Reporting Persons will routinely monitor the Issuer’s operations, prospects, business development, management, competitive and strategic matters, capital

structure, and prevailing market conditions, as well as other investment considerations. Consistent with its investment research methods and evaluation criteria, the Reporting Persons may discuss such matters with management or directors of the Issuer, other shareholders, industry analysts, existing or potential strategic partners or competitors, investment and financing professionals, sources of credit and other investors. Such factors and discussions may materially affect, and result in, subject to the limitations set forth in applicable law, the Reporting Persons' modifying their ownership of the Common Stock, exchanging information with the Issuer pursuant to appropriate confidentiality or similar agreements, proposing changes in the Issuer's operations, governance or capitalization, or pursuing one or more of the other actions described in subsections (a) through (j) of Item 4 of Schedule 13D instructions.

Subject to applicable law, the Reporting Persons reserve the right to formulate other plans and/or other proposals, and take such actions with respect to their investment in the Issuer, including any other or all of the actions set forth in paragraphs (a) through (j) of Item 4 of Schedule 13D instructions, or acquire additional Common Stock or dispose of all the Common Stock beneficially owned by them, in the public market or privately negotiated transactions. The Reporting Persons may at any time reconsider and change their plans or proposals relating to the foregoing.

Item 5. Interest in Securities of the Issuer

Item 5 is hereby amended in its entirety as follows:

(a) — (b) As of the date of this Amendment, Datang may be deemed to have (i) beneficial ownership and (ii) shared power with HKCo to vote or direct to vote, and shared power with HKCo to dispose or direct disposition of, 6,238,316,999 shares of Common Stock, representing 19.5% of the outstanding Common Stock on an as-converted basis. Datang may be deemed to be the beneficial owner of the shares of Common Stock of the Issuer because HKCo, the record owner of the Common Stock, is Datang's wholly-owned subsidiary.

As of the date of this Amendment, HKCo may be deemed to have (i) beneficial ownership and (ii) shared power with Datang to vote or direct to vote, and shared power with Datang to dispose or direct disposition of, 6,238,316,999 shares of Common Stock, representing 19.5% of the outstanding Common Stock on an as-converted basis. HKCo may be deemed to be the beneficial owner of the shares of Common Stock of the Issuer because HKCo is the record owner of the Common Stock.

Gao Yonggang and Chen Shanzhi, as non-executive directors of the Issuer, each owns stock options granted to him under the Issuer's stock option plan adopted on March 18, 2004, to acquire 3,145,319 shares of Common Stock of the Issuer. All compensation received by Messrs. Gao and Chen resulting from their service on the board of directors of the Issuer are to be submitted to Datang. As a result, Datang may be deemed to beneficially own the 1,572,658 shares of Common Stock that are currently exercisable or exercisable within 60 days of the date hereof upon the exercise of stock options issued to Messrs. Gao and Chen.

(c) Schedule C below lists the transactions in Common Stock effected by Datang during the 60 days prior to the date of this Amendment:

Schedule C

Date of Transaction (MM/DD/YYYY)	Buy/Sell	Number of Common Shares Purchased/Sold	Nature of Purchase/Sale	Average Price Per Share in Hong Kong dollars (HK\$)
08/31/2012	Buy	3,400,000	Open Market	0.29
09/05/2012	Buy	12,766,000	Open Market	0.2805
09/06/2012	Buy	7,110,000	Open Market	0.28

Other than the purchase of shares of Common Stock as described above, none of the Reporting Persons nor, to their best knowledge, any of the persons set forth on Schedule A and Schedule B above, has effected any transaction in Common Stock during the past sixty (60) days.

(d) Not applicable.

(e) Not applicable.

Item 6. Contracts, Arrangements, Understandings or Relationships with Respect to Securities

Item 6 is hereby amended in its entirety as follows:

The information disclosed in Items 3 through 5 above is incorporated herein by reference.

On January 20, 2012, the Reporting Persons entered into a Joint Filing Agreement in which the Reporting Persons agreed to the joint filing on behalf of each of them of statements on Schedule 13D, with respect to securities of the Issuer, to the extent required by applicable law. A copy of this Joint Filing Agreement is attached hereto as Exhibit E and is incorporated herein by reference.

To the best knowledge of the Reporting Persons, there are no contracts, arrangements, understandings or relationships (legal or otherwise) among the persons named in Item 2 and between such persons and any person with respect to any securities of the issuer, including but not limited to transfer or voting of any of the securities, finder's fees, joint ventures, loan or option arrangements, puts or calls, guarantees of profits, division of profits or loss, or the giving or withholding of proxies or a pledge or contingency the occurrence of which would give another person voting power or investment power over the securities of the Issuer.

Item 7. Material to be Filed as Exhibits

Exh. No.	Document
A	Share Purchase Agreement, dated November 6, 2008, by and between Semiconductor Manufacturing International Corporation and Datang Telecom Technology & Industry Holdings Co., Ltd. with respect to the acquisition of 3,699,094,300 shares of Common Stock (incorporated by reference to Exhibit 99.1 to the Issuer's current report on Form 6-K filed on November 17, 2008)
B	Subscription Agreement, dated August 16, 2010, by and between Semiconductor Manufacturing International Corporation and Datang Telecom Technology & Industry Holdings Co., Ltd. with respect to the acquisition of 1,528,038,461 shares of Common Stock (incorporated by reference to Exhibit B to Datang's Schedule 13D filed on November 26, 2010.)
C	Share Subscription Agreement, dated May 5, 2011, by and between Semiconductor Manufacturing International Corporation and Datang Holdings (Hongkong) Investment Company Limited with respect to the acquisition of 84,956,858 Convertible Preferred Shares and a warrant to purchase 16,991,371 Convertible Preferred Shares (incorporated by reference to Exhibit C to Datang's Amendment No. 2 to Schedule 13D filed on January 20, 2012.)
D	Warrant Agreement, dated September 16, 2011, by and between Semiconductor Manufacturing International Corporation and Datang Holdings (Hongkong) Investment Company Limited with respect to the issuance of a warrant to purchase 16,991,371 Convertible Preferred Shares (incorporated by reference to Exhibit D to Datang's Amendment No. 2 to Schedule 13D filed on January 20, 2012.)
E	Joint Filing Agreement, dated January 20, 2012, by and between Datang Telecom Technology & Industry Holdings Co., Ltd. and Datang Holdings (Hongkong) Investment Company Limited with respect to the joint filing of Schedule 13D/A (incorporated by reference to Exhibit E to Datang's Amendment No. 2 to Schedule 13D filed on January 20, 2012.)

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: September 19, 2012

Datang Telecom Technology & Industry Holdings Co., Ltd.

By: /s/ Gao Yonggang

Name: Gao Yonggang

Title: Director & Senior Vice President

Datang Holdings (Hongkong) Investment Company Limited

By: /s/ Zhen Caiji

Name: Zhen Caiji

Title: Director
