#### CABOT MICROELECTRONICS CORP

Form SC 13G January 10, 2006

> Securities and Exchange Commission Washington, D. C. 20549

Schedule 13G Under the Securities Exchange Act of 1934 (Amendment No. \_\_\_)

> CABOT MICROELECTRONICS Common Stock CUSIP Number 12709P103

Date of Event Which Requires Filing of this Statement: December 31, 2005

Check the appropriate box to designate the rule pursuant to which this Schedule

is filed: [ X ] Rule 13d-1(b) [ ] Rule 13d-1(c) [ ] Rule 13d-1(d) CUSIP No. 12709P103 1) Name of reporting person: CAM North America, LLC Tax Identification No.: 01-0846058 2) Check the appropriate box if a member of a group: a) b) n/a 3) SEC use only Place of organization: 4) Number of shares beneficially owned by each reporting person with: Sole voting power: - 0 - Shared voting power: 1,264,547 7) Sole dispositive power: - 0 -Shared dispositive power:1,264,547 8) 9) Aggregate amount beneficially owned by each reporting person: 1,264,547 10) Check if the aggregate amount in row (9) excludes certain shares: 11) Percent of class represented by amount in row (9): 5.21%

CUSIP No. 12709P103

12)

1) Name of reporting person:

Type of reporting person:

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Smith Barney Fund Management LLC
Tax Identification No.:
        13-2616913
2)
        Check the appropriate box if a member of a group:
b)
        n/a
3)
       SEC use only
       Place of organization:
4)
Number of shares beneficially owned by each reporting person with:
        Sole voting power: - 0 - Shared voting power: 1,345,116
5)
6)
        Sole dispositive power: - 0 -
7)
        Shared dispositive power:1,345,116
8)
9)
        Aggregate amount beneficially owned by each reporting person:
        1,345,116
10)
        Check if the aggregate amount in row (9) excludes certain shares:
        Percent of class represented by amount in row (9):
11)
12)
        Type of reporting person:
        ΙA
CUSIP No. 12709P103
        Name of reporting person:
        Salomon Brothers Asset Management Inc
Tax Identification No.:
        13-3440564
2)
        Check the appropriate box if a member of a group:
a)
b)
        n/a
3)
        SEC use only
4)
        Place of organization:
Number of shares beneficially owned by each reporting person with:
        Sole voting power: - 0 -
5)
        Shared voting power: 18,890
6)
        Sole dispositive power: - 0 -
7)
        Shared dispositive power: 18,890
        Aggregate amount beneficially owned by each reporting person:
        18,890
10)
        Check if the aggregate amount in row (9) excludes certain shares:
                        n/a
11)
        Percent of class represented by amount in row (9):
        0.08%
12)
        Type of reporting person:
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ΙA

Item 1a) Name of issuer: CABOT MICROELECTRONICS Address of issuer's principal executive offices: Item 1b) 870 NORTH COMMONS DRIVE AURORA, IL 60504 Item 2a) Name of person filing: CAM North America, LLC Smith Barney Fund Management LLC Salomon Brothers Asset Management Inc Item 2b) Address of principal business office: 399 Park Avenue New York, NY 10022 Item 2c) Citizenship: CAM North America, LLC A Delaware Corporation Smith Barney Fund Management LLC A Delaware Corporation Salomon Brothers Asset Management Inc. A Delaware Corporation Item 2d) Title of class of securities: Common Stock Item 2e) CUSIP number: 12709P103 Item 3) If this statement is filed pursuant to Rule 13d-1(b), or 13d 2(b), check whether the person filing is a: (a)[ ] Broker or dealer under Section 15 of the Act. (b)[ ] Bank as defined in Section 3(a)(6) of the Act.
(c)[ ] Insurance Company as defined in Section 3(a)(6) of the Act. (d)[ ] Investment Company registered under Section 8 of the Investment Company Act. (e)[ ] Investment Adviser registered under Section 203 of the Investment Advisers Act of 1940. (f)[ ] Employee Benefit Plan, Pension Fund which is subject to ERISA of 1974 or Endowment Funds; see 240.13d-1(b)(ii)(F). (g)[ ] Parent holding company, in accordance with 240.13d-1(b)(ii)(G), Group, in accordance with 240.13d-1(b)(1)(ii)(J). (h)[X] Item 4) Ownership: Amount beneficially owned: (a) 2,628,553 (b) Percent of Class: (c) Number of shares as to which such person has: sole power to vote or to direct the vote: (i) - 0 -(ii) shared power to vote or to direct the vote: 2,628,553 (iii) sole power to dispose or to direct the disposition of:

shared power to dispose or to direct the disposition of:

	2,628,553	
Item 5)	Ownership of Five Percent or less on n/a	of a class:
Item 6)	Ownership of more than Five Percent	on behalf of another person
	n/a	
	Identification and classification of the su y being reported on by the parent holding co n/a	
CAM Nort Smith Ba	Identification and classification of member th America, LLC arney Fund Management LLC Brothers Asset Management Inc	rs of the group:
Item 9) n/a	Notice of dissolution of group:	
Item 10)	)Certification:	
securition of busing the effective securition	ing below I certify that, to the best of my ies referred to above were acquired and are ness and were not acquired and are not held ect of changing or influencing the control dies and were not acquired and are not held apant in any transaction having that purpose	held in the ordinary course for the purpose of or with of the issuer of the .n connection with or as a
	Signature	
	easonable inquiry and to the best of my known e information set forth in this statement is	
	Date - January 10, 2006	
CAM Nort	th America, LLC	
Ву:	/s/George Shively, Secretary	-
Cmi+h D	arney Fund Management LLC	
	armey rund management blo	
By:	/s/Thomas C. Mandia, Secretary	-
Salomon	Brothers Asset Management Inc	
Ву:		_
	/s/George Shively, Secretary	

Exhibit A Joint Filing Agreement

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This Joint Filing Agreement confirms the agreement by and among the undersigned that the Schedule 13G is filed on behalf of (i) each member of the group identified in Item 8 and (ii) the other reporting person(s) identified in Item 6

that may be deemed to beneficially own more than five percent of the issuer's outstanding equity securities.

CAM Nort	th America, LLC	
Ву:	4/0	
	/s/George Shively, Secretary	
Smith Ba	arney Fund Management LLC	
ву:		
	/s/Thomas C. Mandia, Secretary	
Salomon	Brothers Asset Management Inc	
Ву:		
-	/s/George Shively, Secretary	