Rim Semiconductor CO Form 5 February 17, 2006

FORM 5

OMB APPROVAL

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

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2005

1.0

no longer subject to Section 16. Form 4 or Form 5 obligations may continue.

Check this box if

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ANNUAL STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

See Instruction
1(b). Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,
Form 3 Holdings Section 17(a) of the Public Utility Holding Company Act of 1935 or Section
Reported
30(h) of the Investment Company Act of 1940

Form 4

Transactions Reported

1. Name and Address of Reporting Person * 2. Issuer Name and Ticker or Trading 5. Relationship of Reporting Person(s) to Issuer KETCH BRAD Symbol Rim Semiconductor CO [RSMI] (Check all applicable) 3. Statement for Issuer's Fiscal Year Ended (Last) (First) (Middle) (Month/Day/Year) _X_ Director 10% Owner _X__ Officer (give title Other (specify 10/31/2005 below) below) 305 NE 102ND AVE, #105 President, CEO and Secretary (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Reporting Filed(Month/Day/Year)

PORTLAND, ORÂ 97220

(State)

(Zip)

(City)

X Form Filed by One Reporting Person ___ Form Filed by More than One Reporting Person

(check applicable line)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1.Title of 2. Transaction Date 2A. Deemed 4. Securities 5. Amount of 6. Ownership 7. Nature of (Month/Day/Year) Securities Form: Direct Indirect Security Execution Date, if Transaction Acquired (A) or (Instr. 3) Code Disposed of (D) Beneficially (D) or Beneficial (Instr. 8) (Month/Day/Year) (Instr. 3, 4 and 5) Owned at end Indirect (I) Ownership of Issuer's (Instr. 4) (Instr. 4) (A) Fiscal Year

Amount (D) Price (Instr. 3 and 4)

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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SEC 2270 (9-02)

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5. Number of Derivative	6. Date Exercisable and
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transaction	Securities Acquired (A) or	Expiration Date
Security	or Exercise		any	Code	Disposed of (D)	(Month/Day/Year)
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	(Instr. 3, 4, and 5)	

7. Title

Underly

(Instr. 3

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	Derivative Security				(A)	(D)	Date Exercisable	Expiration Date	Title
Employee Stock Option (right to buy)	\$ 1.02	04/05/2005	Â	D4	Â	50,000	(1)	03/22/2012	Comm Stock
Employee Stock Option (right to buy)	\$ 1.09	04/05/2005	Â	D4	Â	405,000	(3)	07/01/2012	Comm Stock
Employee Stock Option (right to buy)	\$ 0.64	04/05/2005	Â	D4	Â	1,500,000	(4)	12/03/2012	Comm Stock
Employee Stock Option (right to buy)	\$ 0.17	04/05/2005	Â	A4	1,000,000	Â	(5)	04/05/2015	Comm Stock
Employee Stock Option (right to buy)	\$ 0.17	04/05/2005	Â	A4	6,000,000	Â	(6)	04/05/2015	Comm Stock

Reporting Owners

Reporting Owner Name / Address	Relationships					
Fg	Director	10% Owner	Officer	Other		
KETCH BRAD 305 NE 102ND AVE, #105 PORTLAND, OR 97220	ÂX	Â	President, CEO and Secretary	Â		

Signatures

/s/ Brad Ketch	02/17/2006		
**Signature of	Date		

Reporting Owners 2

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 4(b)(v).
- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) These options were exercisable on 3/22/2002. These options were cancelled by mutual agreement of the parties.
- (2) Not applicable.
- Options with respect to 105,000 shares were exercisable 7/1/02 and the remaining vest in eight equal quarterly installments, starting May 31, 2003. These options were cancelled by mutual agreement of the parties.
- (4) These options became exercisable in 12 quarterly installments of 125,000 shares, beginning on March 1, 2003. These options were cancelled by mutual agreement of the parties.
- (5) These options became exercisable in May 2005 upon the Corporation's consummation of a financing. These options were cancelled by mutual agreement of the parties, effective January 1, 2006.
- (6) These options became exercisable upon the Corporation's release of a beta version of its semiconductor technologies in December 2005. These options were cancelled by mutual agreement of the parties, effective January 1, 2006.

Note: File three copies of this Form, one of which must be manually signed. If space provided is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.