NETLOGIC Form 4 May 19, 200	MICROSYSTEM	AS INC	-							
									OMB AF	PROVAL
FORM	UNITED	STATES		RITIES A			NGE C	OMMISSION	OMB Number:	3235-0287
Check th	ter.								Expires:	January 31,
if no longer subject to Section 16. Form 4 or Form 5 obligations Section 17(a) of the Public Ut				SECUR 6(a) of the	ITIES e Securit	ies E	xchange	e Act of 1934,	Estimated a burden hou response	
may cont <i>See</i> Instru 1(b).	inue. Section 17(3			vestment	•	· ·		1935 or Sectior 0	1	
(Print or Type I	Responses)									
1. Name and A Dimitrelis I	Address of Reporting Dimitrios	Person <u>*</u>	Symbol	Name and			0	5. Relationship of Issuer (Check	Reporting Pers	
(Last) 1875 CHAF	(First) (NRLESTON RD.	/liddle)		Earliest Tra ay/Year)	ansaction			Director X_Officer (give below) Vice Presi		Owner er (specify ering
MOUNTAI	(Street) N VIEW, CA 940)43		ndment, Dat hth/Day/Year)		I		6. Individual or Jo Applicable Line) _X_ Form filed by O Form filed by M Person	int/Group Filin	ng(Check
(City)	(State)	(Zip)	Tabl	e I - Non-D	erivative	Secur	ities Aca	uired, Disposed of	. or Beneficial	lv Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	Execution any	ned	3. Transactio Code (Instr. 8)	4. Securi	ties Ad sposed	cquired d of (D)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of
G . 1				Code V	Amount	(D)	Price	(Instr. 3 and 4)		
Stock Option (right to buy)	05/15/2008			М	1,718	A	\$ 13	1,718	D	
Stock Option (right to buy)	05/15/2008			М	1,021	A	\$ 12	2,739	D	
Stock Option (right to buy)	05/15/2008			М	1,042	А	\$ 6.04	3,781	D	

Stock Option (right to buy)	05/15/2008	М	1,219	A	\$ 12.49	5,000	D
Common Stock	05/15/2008	S	100	D	\$ 34.42 (1)	4,900	D
Common Stock	05/15/2008	S	100	D	\$ 34.48 (1)	4,800	D
Common Stock	05/15/2008	S	300	D	\$ 34.67	4,500	D
Common Stock	05/15/2008	S	600	D	\$ 34.68 (1)	3,900	D
Common Stock	05/15/2008	S	700	D	\$ 34.75 (1)	3,200	D
Common Stock	05/15/2008	S	800	D	\$ 34.78 (1)	2,400	D
Common Stock	05/15/2008	S	100	D	\$ 34.98 (1)	2,300	D
Common Stock	05/15/2008	S	2,300	D	\$ 35 (1)	0	D
Stock Option (right to buy)	05/19/2008	М	626	А	\$ 12	626	D
Stock Option (right to buy)	05/19/2008	М	1,347	А	\$ 12.65	1,973	D
Stock Option (right to buy)	05/19/2008	М	128	А	\$ 12.49	2,101	D
Stock Option (right to buy)	05/19/2008	М	899	A	\$ 18.1	3,000	D
	05/19/2008	S	3,000	D		0	D

Common Stock

\$ 36 (1)

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

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

 Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned

 (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. 5. Number Transaction Derivative Code Securities (Instr. 8) Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)		
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock Option (right to buy)	\$ 13	05/15/2008		М		1,718	06/01/2004	05/31/2014	Common Stock	2,031
Stock Option (right to buy)	\$ 12	05/15/2008		М		1,021	07/09/2005	07/08/2014	Common Stock	1,021
Stock Option (right to buy)	\$ 6.04	05/15/2008		М		1,042	10/27/2005	10/26/2014	Common Stock	2,292
Stock Option (right to buy)	\$ 12.49	05/15/2008		М		1,219	04/26/2006	04/25/2015	Common Stock	2,816
Stock Option (right to buy)	\$ 12	05/19/2008		М		626	07/09/2005	07/09/2014	Common Stock	1,095
Stock Option (right to	\$ 12.65	05/19/2008		М		1,347	04/20/2006	04/19/2015	Common Stock	2,816

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buy)								
Stock Option (right to buy)	\$ 12.49	05/19/2008	М	128	04/26/2006	04/25/2015	Common Stock	1,597
Stock Option (right to buy)	\$ 18.1	05/19/2008	М	899	10/10/2006	10/09/2015	Common Stock	2,434

Reporting Owners

Reporting Owner Name / Address				
	Director	10% Owner	Officer	Other
Dimitrelis Dimitrios 1875 CHARLESTON RD. MOUNTAIN VIEW, CA 94043			Vice President of Engineering	

Signatures

/s/ Dimitrios Dimitrelis <u>**</u>Signature of Reporting Person 05/19/2008 Date

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) This sale was effected pursuant to a Rule 10b5-1 trading plan adopted by the reporting person on October 31, 2007.

Note: File three copies of this Form, one of which must be manually signed. If space 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.