FORM 4

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. *See* Instruction 1(b).

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

OMB APPROVAL	
OMB Number:	3235-0287
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1. Name and Address of Reporting Person* **YUREK GREGORY J** (Last) (First) (Middle) **C/O AMERICAN SUPERCONDUCTOR CORPORATION** **64 JACKSON ROAD** (Street) **DEVENS** **MA** **01434** (City) (State) (Zip)	2. Issuer Name **and** Ticker or Trading Symbol **AMERICAN SUPERCONDUCTOR CORP /DE/** [**AMSC**]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) X Director 10% Owner X Officer (give title below) Other (specify below) **Chairman, President and CEO**
	3. Date of Earliest Transaction (Month/Day/Year) 12/30/2009	
	4. If Amendment, Date of Original Filed (Month/Day/Year)	6. Individual or Joint/Group Filing (Check Applicable Line) X Form filed by One Reporting Person Form filed by More than One Reporting Person

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

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	12/30/2009		M		7,975	A	$32.563	185,115	D	
Common Stock	01/04/2010		M		117,025	A	$32.563	302,140	D	
Common Stock	12/30/2009		S[1]		7,975	D	$42.05	294,165	D	
Common Stock	01/04/2010		S[1]		100	D	$42.25	294,065	D	
Common Stock	01/04/2010		S[1]		200	D	$42.24	293,865	D	
Common Stock	01/04/2010		S[1]		400	D	$42.23	293,465	D	
Common Stock	01/04/2010		S[1]		472	D	$42.22	292,993	D	
Common Stock	01/04/2010		S[1]		428	D	$42.21	292,565	D	
Common Stock	01/04/2010		S[1]		200	D	$42.18	292,365	D	
Common Stock	01/04/2010		S[1]		394	D	$42.13	291,971	D	
Common Stock	01/04/2010		S[1]		600	D	$42.12	291,371	D	
Common Stock	01/04/2010		S[1]		350	D	$42.11	291,021	D	
Common Stock	01/04/2010		S[1]		2,550	D	$42.1	288,471	D	
Common Stock	01/04/2010		S[1]		2,762	D	$42.09	285,709	D	
Common Stock	01/04/2010		S[1]		2,400	D	$42.08	283,309	D	
Common Stock	01/04/2010		S[1]		2,346	D	$42.07	280,963	D	
Common Stock	01/04/2010		S[1]		1,352	D	$42.06	279,611	D	
Common Stock	01/04/2010		S[1]		102,471	D	$42.05	177,140[2]	D	
Common Stock								752[3]	I	By 401(K) Plan

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. Transaction Code (Instr. 8)		5. Number of Derivative Securities 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 Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Stock Option (Right to buy)	$32.563	12/30/2009		M			7,975	[4]	07/28/2010	Common Stock	7,975	$0.00	742,025	D	

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. Transaction Code (Instr. 8)		5. Number of Derivative Securities 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 Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Stock Option (Right to buy)	$32.563	01/04/2010		M			117,025	(4)	07/28/2010	Common Stock	117,025	$0.00	625,000	D	

Explanation of Responses:

1. The stock option exercise and sales reported on this Form 4 were effected pursuant to Rule 10b5-1 Plan.

2. Following all the transactions reported on this Form 4, the reporting person holds 177,140 shares directly.

3. Following all the transactions reported on this Form 4, the reporting person holds 752 shares indirectly through the company's 401(k) plan as of December 31, 2009.

4. The option was fully vested as of July 28, 2005.

Remarks:

/s/ Gregory J. Yurek   01/04/2010

** Signature of Reporting Person   Date

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

* 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).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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 Number.