

OMB APPROVAL	
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**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP**

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

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

1. Name and Address of Reporting Person * <u>HENRY DAVID A</u>  (Last) (First) (Middle) <u>C/O AMERICAN SUPERCONDUCTOR</u> <u>64 JACKSON ROAD</u>  (Street) <u>DEVENS MA 01434</u>  (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>AMERICAN SUPERCONDUCTOR CORP</u> <u>/DE/ [ AMSC ]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)  Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <u>SVP, CFO &amp; Treasurer</u>
	3. Date of Earliest Transaction (Month/Day/Year) <u>05/12/2010</u>	
4. If Amendment, Date of Original Filed (Month/Day/Year)		

**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	05/12/2010		A		9,000	A	\$0.00	75,800	D	
Common Stock	05/13/2010		s <sup>(1)</sup>		750	D	\$30.6768 <sup>(2)</sup>	75,050 <sup>(3)</sup>	D	
Common Stock								526 <sup>(4)</sup>	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
Stock Option (Right to buy)	\$29.24	05/12/2010		A		15,000		(5)	05/12/2020	Common Stock	15,000	\$0.00	15,000	D	

**Explanation of Responses:**

- The sales reported on this Form 4 were effected pursuant to a Rule 10b5-1 Plan. The primary purpose of such sales was to pay personal income taxes that were due upon the vesting of restricted stock on May 12, 2010.
- The disposition transaction was executed in multiple trades at prices ranging from \$30.35-30.92. The price reported above reflects the weighted average sale price. The reporting person hereby undertakes to provide, upon request, to the SEC staff, the issuer, or a security holder of the issuer, full information regarding the number of shares and price at which the transaction was effected.
- Following all the transactions reported on this Form 4, the reporting person holds 75,050 shares directly.
- Following all the transactions reported on this Form 4, the reporting person holds 526 shares indirectly through the company's 401(k) plan as of April 30, 2010.
- The options vest in three equal annual installments beginning May 12, 2011.

**Remarks:**

/s/ David A. Henry

05/14/2010

\*\* 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.