

SANTAMARIA ANGELO R  
Form 3  
May 12, 2006

**FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION**  
Washington, D.C. 20549

OMB APPROVAL

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**INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,  
Section 17(a) of the Public Utility Holding Company Act of 1935 or Section  
30(h) of the Investment Company Act of 1940

(Print or Type Responses)

|   |   |   |  |
|---|---|---|--|
| <p>1. Name and Address of Reporting Person<br/>*<br/>Â SANTAMARIA ANGELO R<br/><br/>(Last) (First) (Middle)</p> <p>2 TECHNOLOGY DR<br/><br/>(Street)</p> <p>WESTBOROUGH,Â MAÂ 01581<br/><br/>(City) (State) (Zip)</p> | <p>2. Date of Event Requiring Statement<br/>(Month/Day/Year)<br/>05/04/2006</p> | <p>3. Issuer Name and Ticker or Trading Symbol<br/>AMERICAN SUPERCONDUCTOR CORP /DE/<br/>[AMSC]</p> <p>4. Relationship of Reporting Person(s) to Issuer<br/><br/>(Check all applicable)<br/><br/> <input type="checkbox"/> Director    <input type="checkbox"/> 10% Owner<br/> <input checked="" type="checkbox"/> Officer    <input type="checkbox"/> Other<br/>                 (give title below) (specify below)<br/>                 VP &amp; GM, AMSC Wires Bus. Unit</p> | <p>5. If Amendment, Date Original Filed(Month/Day/Year)</p> <p>6. Individual or Joint/Group Filing(Check Applicable Line)<br/> <input checked="" type="checkbox"/> Form filed by One Reporting Person<br/> <input type="checkbox"/> Form filed by More than One Reporting Person</p> |
|---|---|---|--|

**Table I - Non-Derivative Securities Beneficially Owned**

| 1. Title of Security<br>(Instr. 4) | 2. Amount of Securities Beneficially Owned<br>(Instr. 4) | 3. Ownership Form:<br>Direct (D)<br>or Indirect (I)<br>(Instr. 5) | 4. Nature of Indirect Beneficial Ownership<br>(Instr. 5) |
|------------------------------------|--|---|--|
| Common Stock                       | 5,145  | D   | Â  |
| Common Stock                       | 682 <sup>(1)</sup>                                       | I   | By 401(k) Plan   |

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

SEC 1473 (7-02)

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**Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

| 1. Title of Derivative Security<br>(Instr. 4) | 2. Date Exercisable and Expiration Date<br>(Month/Day/Year) | 3. Title and Amount of Securities Underlying Derivative Security<br>(Instr. 4) | 4. Conversion or Exercise Price of | 5. Ownership Form of Derivative | 6. Nature of Indirect Beneficial Ownership<br>(Instr. 5) |
|---|---|--|------------------------------------|---------------------------------|--|
|---|---|--|------------------------------------|---------------------------------|--|

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|                             | Date Exercisable          | Expiration Date | Title        | Amount or Number of Shares | Derivative Security | Security: Direct (D) or Indirect (I) (Instr. 5) |   |
|-----------------------------|---------------------------|-----------------|--------------|----------------------------|---------------------|---|---|
| Stock Option (Right to Buy) | 04/01/2005 <sup>(2)</sup> | 04/01/2014      | Common Stock | 50,000                     | \$ 13.25            | D   | Â |

## Reporting Owners

| Reporting Owner Name / Address                                  | Relationships |           |                                       |       |
|---|---------------|-----------|---------------------------------------|-------|
|   | Director      | 10% Owner | Officer                               | Other |
| SANTAMARIA ANGELO R<br>2 TECHNOLOGY DR<br>WESTBOROUGH, MA 01581 | Â             | Â         | Â VP & GM,<br>AMSC Wires<br>Bus. Unit | Â     |

## Signatures

Angelo R. Santamaria                      05/12/2006

\_\_\_\_\_  
\*\*Signature of Reporting Person                      Date

## Explanation of Responses:

- \* If the form is filed by more than one reporting person, *see* Instruction 5(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) The reporting person holds 682 shares indirectly through the company's 401(k) plan as of March 31, 2006
- (2) The options are vested with respect to 20,000 shares. The remaining 30,000 shares vest in three equal annual installments beginning on 04/01/07

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.