

Highley Ian  
Form 3  
July 31, 2012

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

OMB APPROVAL

OMB Number: 3235-0104  
Expires: January 31, 2005  
Estimated average burden hours per response... 0.5

**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 *</p> <p>Highley Ian</p> <p>(Last) (First) (Middle)</p> <p>8755 WEST HIGGINS ROAD</p> <p>(Street)</p> <p>CHICAGO, IL 60631</p> <p>(City) (State) (Zip)</p> | <p>2. Date of Event Requiring Statement</p> <p>(Month/Day/Year)</p> <p>07/27/2012</p> | <p>3. Issuer Name and Ticker or Trading Symbol</p> <p>LITTELFUSE INC /DE [LFUS]</p> | <p>4. Relationship of Reporting Person(s) to Issuer</p> <p>(Check all applicable)</p> <p><input type="checkbox"/> Director <input type="checkbox"/> 10% Owner</p> <p><input checked="" type="checkbox"/> Officer <input type="checkbox"/> Other</p> <p>(give title below) (specify below)</p> <p>VP &amp; GM-Semiconductor Products</p> | <p>5. If Amendment, Date Original Filed(Month/Day/Year)</p> | <p>6. Individual or Joint/Group Filing(Check Applicable Line)</p> <p><input checked="" type="checkbox"/> Form filed by One Reporting Person</p> <p><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                       | 3,370  | D   |  |

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

SEC 1473 (7-02)

**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 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 Derivative Security | 5. Ownership Form of Derivative Security:<br>Direct (D)<br>or Indirect | 6. Nature of Indirect Beneficial Ownership<br>(Instr. 5) |
|---|---|--|--|--|--|
|   | Date Exercisable      Expiration Date                       | Title      Amount or Number of   |  |  |  |

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|                             |            |            |              | Shares |          | (I)<br>(Instr. 5) |   |
|-----------------------------|------------|------------|--------------|--------|----------|-------------------|---|
| Stock option (right to buy) | Â (1)      | 04/27/2019 | Common stock | 6,600  | \$ 63.09 | D                 | Â |
| Stock option (right to buy) | 07/28/2009 | 07/28/2015 | Common stock | 1,000  | \$ 31.01 | D                 | Â |

## Reporting Owners

| Reporting Owner Name / Address                             | Relationships |           |                                  |       |
|--|---------------|-----------|----------------------------------|-------|
|  | Director      | 10% Owner | Officer                          | Other |
| Highley Ian<br>8755 WEST HIGGINS ROAD<br>CHICAGO, IL 60631 | Â             | Â         | Â VP & GM-Semiconductor Products | Â     |

## Signatures

Ryan Stafford, by power of attorney  
07/31/2012

\*\*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 options vest in increments of one third annually beginning on the first anniversary of the date of grant.

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### Remarks:

ExhibitÂ Index:

ExhibitÂ 24Â -Â PowerÂ ofÂ Attorney

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.