

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

| OMB APPROVAL | |
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|--|---|---|
| 1. Name and Address of Reporting Person * <u>KISSNER CHARLES</u> (Last) (First) (Middle) <u>5200 GREAT AMERICA PARKWAY</u> (Street) <u>SANTA CLARA CA 95054</u> (City) (State) (Zip) | 2. Issuer Name and Ticker or Trading Symbol <u>AVIAT NETWORKS, INC. [AVNW]</u> | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <u>Chairman and CEO</u> |
| | 3. Date of Earliest Transaction (Month/Day/Year) <u>02/10/2011</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 | 02/10/2011 | | A | | 28,200 ⁽¹⁾ | A | \$0 | 258,076 | D | |
| Common Stock | 02/10/2011 | | A | | 28,200 ⁽²⁾ | A | \$0 | 286,276 | 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 |
| Non-Qualified Stock Option (right to buy) | \$6.11 | 02/10/2011 | | A | | 50,500 | | (3) | 02/10/2018 | Common Stock | 50,500 | \$0 | 380,470 | D | |

Explanation of Responses:

- Performance shares, which are subject to vesting. Vesting requires both (a) continuing employment with the Corporation through the end of the Corporation's fiscal year 2013 (approximately June 30, 2013), and (b) achievement of at least the minimum cumulative performance result for the three-year period set forth in the Specific Terms and Conditions. Unvested performance shares are subject to repurchase by the Corporation at \$0.01 per share if eligible employment ends or, following the determination of actual Corporation performance versus metrics, to the extent such performance shares do not vest.
- Restricted shares, which are subject to vesting. Vesting requires continuing employment with the Corporation as of the vesting dates. Restricted shares will vest as follows: 33.3% on February 10, 2012, 33.3% on February 10, 2013 and 33.3% on February 10, 2014. Unvested shares are subject to repurchase by the Corporation at \$0.01 per share if eligible employment ends before the vesting date.
- Stock options to purchase shares become exercisable if employment with the Corporation continues through the vesting dates. The options will vest as follows: 50% on February 10, 2012, 25% on February 10, 2013 and 25% on February 10, 2014.

/s/ Meena Elliott, VP, General Counsel and Secretary, on behalf of Charles D. Kissner 02/11/2011

** 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.