

Anderson David Joseph  
 Form 4  
 February 03, 2011

**FORM 4** UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
 Washington, D.C. 20549

OMB APPROVAL

OMB Number: 3235-0287  
 Expires: January 31, 2005  
 Estimated average burden hours per response... 0.5

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

**STATEMENT OF CHANGES IN 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)

1. Name and Address of Reporting Person \*  
 Anderson David Joseph

2. Issuer Name and Ticker or Trading Symbol  
 KULICKE & SOFFA INDUSTRIES INC [KLIC]

5. Relationship of Reporting Person(s) to Issuer  
 (Check all applicable)

(Last) (First) (Middle)  
 1005 VIRGINIA DRIVE  
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)  
 02/01/2011

\_\_\_\_ Director \_\_\_\_\_ 10% Owner  
 Officer (give title below) \_\_\_\_\_ Other (specify below)  
 VP, General Counsel

FORT WASHINGTON, PA US  
 19034

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

(City) (State) (Zip)

**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 Ownership (Instr. 4)
				(A) or (D)	Price		
				Code	V	Amount	
Common Stock	02/01/2011		M		6,600	A	\$ 8.5 54,536 D
Common Stock	02/01/2011		S		6,600 <u>(1)</u>	D	\$ 10 47,936 D
Common Stock	02/01/2011		M		3,300	A	\$ 8.5 51,236 D
Common Stock	02/01/2011		S		3,300 <u>(1)</u>	D	\$ 10 47,936 D
Common Stock	02/03/2011		S		7,000	D	\$ 10.27 40,936 D

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Common Stock	02/03/2011	S	612	D	\$ 10.271	40,324	D
Common Stock	02/03/2011	S	680	D	\$ 10.28	39,644	D

Common Stock						7,971	I	By Kulicke and Soffa Incentive Savings Plan
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Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

**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.**

SEC 1474  
(9-02)

**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 (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	Amount or Number of Shares	
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Option to Buy-Option Plan	\$ 8.5	02/01/2011		M	6,600	(2) 10/04/2016	Common Stock	6,600	
Option to Buy-Option Plan	\$ 8.5	02/01/2011		M	3,300	(2) 10/04/2016	Common Stock	3,300	

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Anderson David Joseph 1005 VIRGINIA DRIVE FORT WASHINGTON, PA US 19034			VP, General Counsel	

## Signatures

Susan L. Waters, Attorney-in-Fact for David J.  
Anderson

02/03/2011

\_\_Signature of Reporting Person

Date

## Explanation of Responses:

- \* 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).

(1) The shares were sold pursuant to a Rule 10b5-1(c) sales plan dated February 25, 2010.

(2) Grant had a graded vesting schedule. All options vested 3 years after grant.

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

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