

Mak Tek Chee  
Form 4  
June 22, 2010

**FORM 4**

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

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

## OMB APPROVAL

OMB  
Number: 3235-0287  
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2005  
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response... 0.5

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
Mak Tek Chee

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)  
06/18/2010

\_\_\_\_ Director \_\_\_\_ 10% Owner  
\_\_\_\_X\_\_\_\_ Officer (give title below) \_\_\_\_ Other (specify below)  
Vice President Sales

FORT WASHINGTON, PA US  
19034

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

6. Individual or Joint/Group Filing(Check  
Applicable Line)  
\_\_\_\_X\_\_\_\_ 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 Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	06/18/2010		M		11,135	A	\$ 2.95	59,003	D	
Common Stock	06/18/2010		S		11,135 (1)	D	\$ 8.25	47,868	D	
Common Stock	06/18/2010		M		8,846	A	\$ 2.95	56,714	D	
Common Stock	06/18/2010		S		8,846 (1)	D	\$ 8.25	47,868	D	
Common Stock								6,050	I	By Kulicke and Soffa

Incentive  
Savings  
Plan

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.**

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(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 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 Underlying Securities (Instr. 3 and 4)	8. Amount or Number of Shares
Option to Buy - Option Plan	\$ 2.95	06/18/2010		M	11,135	<u>(2)</u> 10/03/2012	Common Stock	11,135
Option to Buy - Option Plan	\$ 2.95	06/18/2010		M	8,846	<u>(2)</u> 10/03/2012	Common Stock	8,846

## Reporting Owners

Reporting Owner Name / Address	Relationships
	Director 10% Owner Officer Other
Mak Tek Chee 1005 VIRGINIA DRIVE FORT WASHINGTON, PA US 19034	Vice President Sales

## Signatures

Susan L. Waters, Attorney-in-Fact for Tek  
Chee Mak

06/22/2010

\*\*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 May 12, 2010.

(2) Grant had a graded vesting schedule. All options vested 4 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.

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.