## RICHARDSON ELECTRONICS LTD/DE

(a) [\_]

Form SC 13G/A February 14, 2017

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

SCHEDULE 13G

Under the Securities Exchange Act of 1934 (Amendment No. 2)\*

	RICHARDSON ELEC	TRONICS, LTD.
	(Name of Issuer)	
	Common Stock, \$0.05 par	value
[]	Title of Class of Securities)	
	763165107	
	(CUSIP Number) December 30, 20	
(Date of Et	vent Which Requires Filing of	this Statement)
Check the appropriate box t Schedule is filed:	to designate the rule pursuan	t to which this
[X] Rule 13d-1(b)		
[_] Rule 13d-1(c)		
[_] Rule 13d-1(d)		
initial filing on this for	er page shall be filled out f rm with respect to the subjec endment containing informatio in a prior cover page.	t class of securities,
deemed to be "filed" for the Act of 1934 ("Act") or other of the Act but shall be subsee the Notes).	n the remainder of this cover he purpose of Section 18 of t erwise subject to the liabili bject to all other provisions	he Securities Exchange ties of that section of the Act (however,
CUSIP NO. 763165107		Page 2 of 8 Pages
(1) NAMES OF REPORTING PE	ERSONS. ON NOS. OF ABOVE PERSONS (ent	
Renaissance Technolog	gies LLC 26-0385758	
(2) CHECK THE APPROPRIATE	BOX IF A MEMBER OF A GROUP (	SEE INSTRUCTIONS):

	(b) [_]			
(3)	SEC USE ONLY			
(4)	CITIZENSHIP OR PLACE OF C	RGANIZATION		
	Delaware			
			(5)	SOLE VOTING POWER
NUMBER OF SHARES BENEFICIALLY OWNED				847,120
BY EACH REPORTING PERSON WITH:		(6)	SHARED VOTING POWER	
			0	
			(7)	SOLE DISPOSITIVE POWER
			881,140	
			(8)	SHARED DISPOSITIVE POWER
				30,359
(9)	AGGREGATE AMOUNT BENEFIC	IALLY OWNED BY EAC	H REI	PORTING PERSON
		911,499		
(10)		TE AMOUNT IN ROW (	 9) E	KCLUDES CERTAIN SHARES
	(SEE INSTRUCTIONS)			[_]
(11)	PERCENT OF CLASS REPRES	ENTED BY AMOUNT IN	ROW	(9)
		8.52 %		
(12) TYPE OF REPORTING P		(SEE INSTRUCTIONS	)	
		Page 2 of 8 pag	es	
		 Page 3 of 8 pag		
	 IP NO. 763165107	13G		 Page 3 of 8 Page
(1)	NAMES OF REPORTING PERSO			
	RENAISSANCE TECHNOLOGIES	HOLDINGS CORPORAT	ION	13-3127734
(2)	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS)  (a) [_]  (b) [_]			
(3)	SEC USE ONLY			

(4) CITIZENSHIP OR PLACE OF ORGANIZATI	ON
Delaware	
	(5) SOLE VOTING POWER
NUMBER OF SHARES BENEFICIALLY OWNED	847,120
BY EACH REPORTING PERSON WITH:	(6) SHARED VOTING POWER
	0
	(7) SOLE DISPOSITIVE POWER
	881,140
	(8) SHARED DISPOSITIVE POWER
	30,359
(9) AGGREGATE AMOUNT BENEFICIALLY OWN	ED BY EACH REPORTING PERSON
911,499	
(10) CHECK BOX IF THE AGGREGATE AMOUNT (SEE INSTRUCTIONS)	IN ROW (9) EXCLUDES CERTAIN SHARES
(11) PERCENT OF CLASS REPRESENTED BY	AMOUNT IN ROW (9)
8.52 %	
(12) TYPE OF REPORTING PERSON (SEE INS	TRUCTIONS)
Page 3	of 8 pages
CUSIP NO. 763165107	13G Page 4 of 8 Page:
Item 1.	
(a) Name of Issuer	
RICHARDSON ELECTRONICS, LTD.	
(b) Address of Issuer's Principal	Executive Offices.
40W267 Keslinger Road, P.O. B	ox 393, LaFox, Illinois 60147-0393
Item 2.	
(a) Name of Person Filing:	
	led by Renaissance Technologies LLC ologies Holdings Corporation ("RTHC").

(b) Address of Principal Business Office or, if none, Residence.

The principal business address of the reporting persons is:

800 Third Avenue New York, New York 10022

(c) Citizenship.

RTC is a Delaware limited liability company, and RTHC is a Delaware corporation.

(d) Title of Class of Securities.

Common Stock, \$0.05 par value

(e) CUSIP Number.

763165107

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- Item 3. If this statement is filed pursuant to Rule 13d-1 (b) or 13-d-2 (b) or (c), check whether the person filing is a:
- (a) [\_] Broker or dealer registered under section 15 of the Act.
- (b) [\_] Bank as defined in section 3(a)(6) of the Act.
- (c) [\_] Insurance Company as defined in section 3(a)(19) of the Act.
- (d) [\_] Investment Company registered under section 8 of the Investment Company Act.
- (e) [x] Investment Adviser in accordance with Sec.240.13d-1(b) (1) (ii) (E).
- (f) [\_] Employee Benefit Plan or Endowment Fund in accordance with Sec. 240.13d-1 (b) (1) (ii) (F).
- (g) [\_] Parent holding company, in accordance with Sec.240.13d-1(b)(1)(ii)(G).
- (h)  $[\_]$  A savings associations as defined in Section 3(b) of the Federal Deposit Insurance Act.
- (i) [\_] A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940.
- (j) [\_] Group, in accordance with Sec.240.13d-1(b)(1)(ii)(J).

Item 4. Ownership.

(a) Amount beneficially owned.

RTC: 911,499 shares

RTHC: 911,499 shares, comprising the shares beneficially owned by RTHC, because of RTHC's majority ownership of RTC.

(b) Percent of Class.

RTC: 8.52 % RTHC: 8.52 %

- (c) Number of shares as to which the person has:
  - (i) sole power to vote or to direct the vote:

RTC: 847,120 RTHC: 847,120

(ii) Shared power to vote or to direct the vote: 0

(iii) sole power to dispose or to direct the disposition of:

RTC: 881,140 RTHC: 881,140

(iv) Shared power to dispose or to direct the disposition of:

RTC: 30,359 RTHC: 30,359

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Item 5. Ownership of Five Percent or Less of a Class.

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following: [\_]

Item 6. Ownership of More than Five Percent on Behalf of Another Person.

Certain funds and accounts managed by RTC have the right to receive dividends and proceeds from the sale of the securities which are the subject of this report.

Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on by the Parent Holding Company.

Not applicable

Item 8. Identification and Classification of Members of the Group.

Not applicable

Item 9. Notice of Dissolution of a Group.

Not applicable

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Item 10. Certification

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired and are held in the ordinary course of business and not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

\_\_\_\_\_\_

#### SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Date: February 14, 2017

Renaissance Technologies LLC

By: Mark Silber

Executive Vice President

Renaissance Technologies Holdings Corporation

By: Mark Silber Vice President

Attention: Intentional misstatements or omissions of fact constitute Federal criminal violations (See  $18\ U.S.C.\ 1001$ ).

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EXHIBIT 99.1

AGREEMENT REGARDING JOINT FILING

UNDER RULE 13D-1(K) OF THE EXCHANGE ACT

In accordance with Rule 13d-1(k) under the Securities Exchange Act of 1934, as amended, each of the undersigned agrees to the filing on behalf of each of a Statement on Schedule 13G, and all amendments thereto, with respect to the shares of Common Stock, \$0.05 par value of RICHARDSON ELECTRONICS, LTD.

Date: February 14, 2017

Renaissance Technologies LLC

By: Mark Silber

Executive Vice President

Renaissance Technologies Holdings Corporation

By: Mark Silber Vice President

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