

ATTN: \_\_\_\_\_

SEIKO EPSON CORPORATION  
MICRODEVICES Operations Division.  
TD Production Management Control Dept.  
Sales & Marketing Division.  
Device Sales & Marketing Dept.

**SUB: RTC “SA” packaged ECN**

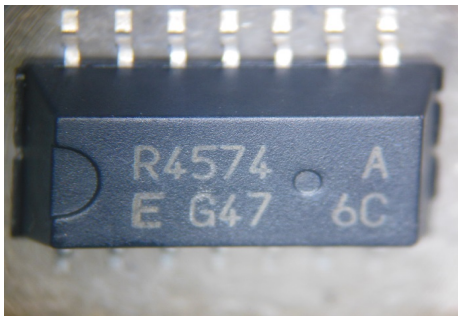

Dear Valued Customer:

Thank you for choosing EPSON CORPORATION for timing needs. To maintain continuous effort to continuous improve the production and delivery performance of our products, we will change the production site of RTC “SA” packaged type products. This production site change also affects the terminal plating material of the products affected. We recommend the alternative from the transferred site.

The details are follows:

**1. Products Affected and Change Item**

Product Name	P/N
RTC-4574SA	Q41457451000x xx
RTC-4543SA	Q41454351000x xx
RX-4045SA	Q41404551000x xx
RX-8581SA	Q41858151000x xx

ITEM		Before Change	After Change & Alternative
Production Site		AOI ELECTRONICS	KATOH Electric
Terminal Plating		Sn-Ag	Sn (100%)
P/N	RTC-4574SA	Q41457451000x xx	Q4145745 <b>2</b> 000x xx
	RTC-4543SA	Q41454351000x xx	Q4145435 <b>2</b> 000x xx
	RX-4045SA	Q41404551000x xx	Q4140455 <b>2</b> 000x xx
	RX-8581SA	Q41858151000x xx	Q4185815 <b>2</b> 000x xx
Part Description		Suffix “ROHS”	Suffix “PURE SN”
Marking Font (Example of RTC-4574SA)			

AOI : AOI ELECTRONICS CO., LTD. (Kagawa. Japan)  
KATOH : KATOH Electric Co., LTD. (Yamanashi. Japan)

## 2. Reason

AOI Electronics, one of our outsourcing production partner, requested to stop production of these parts due to changes in the business environment.

We will move production of these products to our other outsourcing production partner, "KATOH Electric."

## 3. Schedule

Samples at KATOH	Available upon request
Reliability data at KATOH	Available upon request
Change over from AOI to KATOH	March 29, 2019

## 4. Other

We would greatly appreciate your understanding of this ECN notice. If you have any questions or require additional information regarding this notice or the alternatives product from KATOH, please feel free to contact your local SEIKO EPSON CORP TD Sales office.

Sincerely yours,  
SEIKO EPSON CORP.