

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

SUB: EOL notice of products due to the end of production of parts (IC)

Dear Valued Customer:

Thank you for choosing SEIKO EPSON CORP. Timing Products as your products of choice. Regarding the IC built into the following crystal devices, we have decided to discontinue the production and sales of the installed products due to the end of production of the IC supplier. We apologize for the inconvenience and thank you for your understanding and cooperation as we have decided to discontinue the production and sales of the following products.

1. Products Affected, Recommend Alternatives

Product Name	P/N	Recommended alternative product	Note
RTC-4543SA	Q4145435x000x xx	RX-4571SA	Different terminal arrangement. Software change required because the functions are different
		RX4111CE	SPI 4wire, PKG and terminal arrangement are different. Software change required because the functions are different
RTC-4574SA	Q4145745x000x xx	RX-4571LC/SA	PKG and terminal arrangement are different. Software change required because the functions are different
		RX4111CE	SPI 4wire, PKG and terminal arrangement are different. Software change required because the functions are different
RTC-4574JE	Q414574710001 xx	RX-4571LC/SA	PKG and terminal arrangement are different. Software change required because the functions are different
		RX4111CE	SPI 4wire, PKG and terminal arrangement are different. Software change required because the functions are different
RTC-4574NB	Q41457449x001 xx	RX-4571LC/SA	PKG and terminal arrangement are different. Software change required because the functions are different
		RX4111CE	SPI 4wire, PKG and terminal arrangement are different. Software change required because the functions are different
RA-4574SA (AEC-Q200)	Q41A47452000x xx	RA4803SA	Different terminal arrangement. Software change required because the functions are different
		RA4000CE (AEC-Q100)	PKG and terminal arrangement are different. Software change required because the functions are different
RX-4574LC	Q414574C2000x xx	RX-4571LC	Different terminal arrangement. Software change required because the functions are different
		RX4111CE	SPI 4wire, PKG and terminal arrangement

			are different. Software change required because the functions are different
RC4574SA	X1B000412000100	NA	
RX-4581NB	Q41458191000x xx	RX6110SA	PKG and terminal arrangement are different. Software change required because the functions are different
		RX4111CE	
RX-8581SA	Q4185815x000x xx	RX-8571SA	Different terminal arrangement. Software change required because the functions are different
		RX8111CE	PKG and terminal arrangement are different. Software change required because the functions are different
RX-8581JE	Q418581710002 xx	RX-8571SA	PKG and terminal arrangement are different. Software change required because the functions are different
		RX8111CE	
RX-8581NB	Q4185819x0002 xx	RX-8571SA	PKG and terminal arrangement are different. Software change required because the functions are different
		RX8111CE	
RA-8581SA (AEC-Q200)	Q41A8815x0001 xx	RA8803SA	Different terminal arrangement. Software change required because the functions are different
		RA8900CE	PKG and terminal arrangement are different. Software change required because the functions are different
RX-4801SA	X1B00002x000x xx	RX-4803SA	Software change required, some functions are different
		RX4901CE	PKG and terminal arrangement are different. Software change required because the functions are different
RX-8801SA	X1B00001x000x xx	RX-8803SA/RX8900SA	Software change required, some functions are different
		RX8900CE	PKG and terminal arrangement are different. Software change required because the functions are different
RTC-7301SF	Q42730181000x xx	NA	
SG-3030LC	Q3102LC02000x xx	SG-3031CM	PKG is different
SG-3030JC	Q3102JC0x000x xx	SG-3031CM	PKG is different
SG-3030JF	Q3102JF0x000x xx	SG-3031CM	PKG is different
SG-3040LC	Q3103LC02000x xx	SG-3031CM	PKG is different, Minimum voltage 0.9V not supported
SG-3030CM	X1B000211xxxx xx	SG-3031CM SG-3031CMA	For Non-Automotive application:SG-3031CM For Automotive application:SG-3031CMA (AEC-Q100)
TG-3530SA	Q3721SA02000x xx	TG-3541CE	PKG difference, -40 °C to +105 °C upper correspondence
SG-310SCN	Q33310N70xxxx xx	1. SG3225CAN 2. SG-8018CE	1. Frequency: 72MHz or more not supported, Start-up time: 2ms → 3ms, Frequency tolerance: D / R / P / J not possible 2. Phase jitter characteristic 1ps Max. Not supported, Start-up time: 2ms → 3ms
SG-310SDN	Q33310ND0xxxx xx		
SG-210SxH	SCH:X1G003931xxxx xx SDH:X1G003941xxxx xx SEH:X1G003951xxxx xx	SG-8018CG	Phase jitter characteristic 0.6ps Max. Not supported, trtf: 2ns → 3ns
SG5032CBN	X1G004461xxxx xx	SG-8018CB	Phase jitter characteristic 0.6ps Max. Not supported, trtf: 2ns → 3ns
SG7050CBN	X1G004491xxxx xx	SG-8018CA	Phase jitter characteristic 0.6ps Max. Not

			supported, trf: 2ns → 3ns
EG-2001CA	Q3801CA00xxxx xx	SG-8018CA	Phase jitter characteristic 1ps Max. Not supported
EG-2002CA	Q3802CA00xxxx xx	SG-8018CA	Phase jitter characteristics 1ps Max. Not supported, CMOS output
EG-2101CA	Q3803CA00xxxx xx	1. XG-2102CA 2. SG-8503CA	1. Not available below 100MHz 2. VOH / L specifications, current consumption specifications, phase jitter characteristics
EG-2102CA	Q3806CAxxxxxx xx X1M000091xxxx xx	1. XG-2102CA 2. SG-8503CA	2. VOH / L specifications, current consumption specifications, phase jitter characteristics
VG-4512CA	X1G003691xxxx xx	VG7050EFN	APR: Not available for items over ± 50ppm 160-170MHz: APR: Not compatible with over ± 50ppm 170-200MHz: APR: Not compatible with over ± 20ppm
VG2520CAN	X1G004401xxxx xx	1. VG-4231CE 2. VG7050CDN	1. 3225 size, 60MHz or higher is not supported, ST → OE, variable width confirmation required 2. 70505 size, ST → OE, HFF product
VG7050CAN	X1G004531xxxx xx	VG7050CDN	ST → OE, HFF product
VG-4232CA	X1G003921xxxx xx	1. VG-4231CB 2. VG7050CDN	1. 5032 size 2. HFF product
SG7050EBN	X1G004511xxxx xx	SG7050EEN	ST→OE
SG5032HBN	X1G004741xxxx xx	SG3225HBN	3225 size, ST→OE
XV-8000CB (AEC-Q200)	Q71800020xxxx xx	NA	
XV-8000LK (AEC-Q200)	X2A000011xxxx xx	NA	
XV-3500CB	Q71350020xxxx xx	NA	
XV-3900CB	X2A000091xxxx xx	NA	

2. EOL schedule

Last time Buy	August/30/2021
Last shipment	End of March/2022

If you have any questions or require additional information about this ECN notice, please contact your local EPSON device sales office.

Sincerely yours,