

ATTN: Epson America Customers and Partners

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

**SUB: FY2022 EOL products notice**

Dear Valued Customer:

Thank you for choosing SEIKO EPSON CORP. Timing Products as your products of choice. SEIKO EPSON CORP. always tries to improve the characteristics and performance of our products. However, we regret to announce the following products end of life. The Last time buy, and the Last shipment schedules are shown below. : We appreciate if you will confirm the final number of orders for these products.

**1. Products Affected, Schedule and Recommend Alternatives**

Product	Product Number	Last time buy	Last Shipment	Recommended Alternative	Reason of EOL		
FA2016AN	X1E00035100xx xx	Jan/13/2023	Jul/28/2023	FA-128	Integration into equivalent products		
FA-128S	X1E00036100xx xx			FA2016AS			
VG-4231CA	Q3614CA00xxxx xx			VG-4231CE 3MHz~49.9999MHz			
EG-2021CA	Q3807CA0000xx xx			Jan/13/2023	Jul/28/2023	SG-8018CA SG7050CAN(STD Frequency & STD specification)	<ul style="list-style-type: none"> <li>•Risk of continuous production due to aging production equipment</li> <li>•Difficult to maintain production due to decreased orders</li> </ul>
XG-1000CA	Q3851CA0000xx xx						
XG-1000CB	Q3851CB0000xx xx						
EG-2103CB	X1M000281000x xx X1M000441000x xx						
EG-2123CB	X1M000291000x xx X1M000451000x xx						
FA-238V (Old package)	Refer to the attached P/N list						
VG-4231CE 50.0000MHz or higher	Q3614CE000026 xx Q3614CE000085 xx						
FA-238A 50.1000MHz or higher	Refer to the attached P/N list	Jun/14/2024	Dec/25/2024	NA	Risk of continuous production due to aging dedicated equipment		
FA-128 16.000000MHz	Refer to the attached P/N list	Jan/13/2023	Jul/28/2023	NA	Review frequency lineup		
RA-8565SA	Q41A865520001 xx	Jul/14/2023	Dec/25/2023	RA-4565SA RA8000CE	End of production of on-board IC		

## **2. Conclusion / Request**

We would greatly appreciate your acknowledgement of this EOL notice and issue your LTB orders of the affected products by the above schedule.

Last time buys received after the scheduled date will not be accepted by Epson America, Inc.

In addition, please keep in mind that for products that are on the end of life process, we may not be able to submit survey items and data related to chemical substance in products in the future.

If you have any questions or require additional information about this EOL notice, please contact EPSON America sales office.

Sincerely yours,  
Epson America Inc.

**Attachment <List of P/N >**
**■ FA-238V Old Package**

P/N	Product description	Recommended Alternate	Product description
Q22FA23V00012	FA-238V 13.560000 MHz 12.0 +50.0-50.0	N/A	-
Q22FA23V00399	FA-238V 12.000000 MHz 10.0 +10.0-10.0	N/A	-
Q22FA23V00418	FA-238V 12.000000 MHz 18.0 +20.0-20.0	<sup>1</sup> Q22FA23V00418	FA-238V 12.000000 MHz 18.0 +20.0-20.0
Q22FA23V00428	FA-238V 12.288000 MHz 12.0 +50.0-50.0	X1E0003410133	FA-238A 12.288000 MHz 12.0 +50.0-50.0
Q22FA23V00378	FA-238V 12.000000 MHz 7.0 +20.0-20.0	X1E0003410197	FA-238A 12.000000 MHz 7.0 +20.0-20.0
Q22FA23V00149	FA-238V 12.000000 MHz 20.0 +30.0-30.0	X1E0003410458	FA-238A 12.000000 MHz 20.0 +30.0-30.0

<sup>1</sup>internal code change see ECN 14-013E

**■ FA-238A F ≥ 50.100000MHz**

P/N	Product description
X1E0003410050	FA-238A 55.466670 MHz 9.0 +20.0-20.0
X1E0003410124	FA-238A 62.400000 MHz 8.0 +20.0-20.0
X1E0003410127	FA-238A 55.466670 MHz 9.0 +25.0-25.0
X1E0003410154	FA-238A 62.400000 MHz 8.0 +30.0-30.0
X1E0003410155	FA-238A 62.400000 MHz 8.0 +20.0-20.0
X1E0003410161	FA-238A 55.466670 MHz 8.0 +20.0-20.0
X1E0003410170	FA-238A 62.400000 MHz 8.0 +15.0-15.0
X1E0003410251	FA-238A 55.466670 MHz 8.0 +20.0-20.0
X1E0003410413	FA-238A 55.466670 MHz 12.0 +15.0-10.0
X1E0003410433	FA-238A 55.466670 MHz 10.0 +15.0-15.0
X1E0003410447	FA-238A 55.466670 MHz 8.0 +20.0-20.0
X1E0003410453	FA-238A 55.466670 MHz 9.0 +15.0-15.0
X1E0003410492	FA-238A 62.400000 MHz 8.0 +15.0-15.0

## ■ FA-128 16.000000MHz

P/N	Product description	Recommended Alternate	Product description
Q22FA12800341	FA-128 16.000000 MHz 10.0 +10.0-10.0	Q24FA20H00485	FA-20H 16.000000 MHz 10.0 +10.0-10.0
Q22FA12800475	FA-128 16.000000 MHz 10.0 +10.0-10.0	N/A	-
Q22FA12800505	FA-128 16.000000 MHz 10.0 +20.0-20.0	Q24FA20H00672	FA-20H 16.000000 MHz 10.0 +20.0-20.0
Q22FA12800513	FA-128 16.000000 MHz 10.0 +30.0-30.0	Q22FA23800483 Q24FA20H00512	FA-238 16.000000 MHz 10.0 +20.0-20.0 FA-20H 16.000000 MHz 10.0 +10.0-10.0
Q22FA12800308	FA-128 16.000000 MHz 12.0 +10.0-10.0	Q24FA20H00516	FA-20H 16.000000 MHz 12.0 +10.0-10.0
Q22FA12800662	FA-128 16.000000 MHz 12.0 +10.0-10.0	Q24FA20H00232	FA-20H 16.000000 MHz 12.0 +10.0-10.0
Q22FA12800405	FA-128 16.000000 MHz 12.0 +30.0-30.0	Q22FA23800216 Q24FA20H00331	FA-238 16.000000 MHz 12.0 +30.0-30.0 FA-20H 16.000000 MHz 12.0 +30.0-30.0
Q22FA12800458	FA-128 16.000000 MHz 16.0 +10.0-10.0	N/A	-
Q22FA12800416	FA-128 16.000000 MHz 22.0 +30.0-30.0	Q22FA23800848	FA-238 16.000000 MHz 22.0 +30.0-30.0
Q22FA12800529	FA-128 16.000000 MHz 6.0 +10.0-10.0	N/A	-
Q22FA12800366	FA-128 16.000000 MHz 7.0 +10.0-10.0	N/A	-
Q22FA12800400	FA-128 16.000000 MHz 8.0 +10.0-10.0	Q24FA20H00411	FA-20H 16.000000 MHz 8.0 +10.0-10.0
Q22FA12800354	FA-128 16.000000 MHz 8.0 +15.0-15.0	Q24FA20H00442	FA-20H 16.000000 MHz 8.0 +10.0-10.0
Q22FA12800423	FA-128 16.000000 MHz 8.0 +15.0-15.0	Q24FA20H00442	FA-20H 16.000000 MHz 8.0 +10.0-10.0
Q22FA12800348	FA-128 16.000000 MHz 8.0 +30.0-30.0	Q24FA20H00411	FA-20H 16.000000 MHz 8.0 +10.0-10.0
Q22FA12800234	FA-128 16.000000 MHz 9.0 +10.0-10.0	Q24FA20H00352	FA-20H 16.000000 MHz 9.0 +10.0-10.0
Q22FA12800291	FA-128 16.000000 MHz 9.0 +10.0-10.0	Q24FA20H00044	FA-20H 16.000000 MHz 9.0 +10.0-10.0
Q22FA12800507	FA-128 16.000000 MHz 9.0 +10.0-10.0	N/A	-
Q22FA12800487	FA-128 16.000000 MHz 99.0 +30.0-30.0	N/A	-