

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

Crystal Unit MC-146 / FC-135 (Specified items of Mid Frequency) EOL 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 schedule are following:
We appreciate if you will confirm the final number of orders for these products.

1. Products Affected, Recommend Alternatives

Product Name		P/N	Recommended Alternative
MC-146	32.000000 kHz 15.0 +20.0-20.0	Q14MC14610018xx	N/A
FC-135	40.004000 kHz 10.0 +20.0-20.0	Q14FC13500004xx	N/A
FC-135	40.000000 kHz 12.5 +20.0-20.0	Q14FC13500007xx	N/A
FC-135	77.503000 kHz 10.0 +20.0-20.0	Q14FC13500011xx	N/A

2. Reason

Due to a decrease in sales volume, it is difficult to maintain the crystal chip (tuning fork) production line.

3. Schedule

Last time Buy	Last shipment
August 25, 2025	End of December 2025 (*)

(*) Please understand that it may be shipped after the final shipping date depending on the order status.

4. Conclusion / Request

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

In addition, would you please understand that products on the end of life 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 your local EPSON device sales office.

Sincerely yours,
SEIKO EPSON CORPORATION