

To: Customers

Issue No. : TKY7T-F8-22065-00[40]
 Issued Date: 18-Nov.2022
 KYOCERA Corporation
 Office: Yamagata Higashine Plant
 Division: Crystal Components F.A.E. Section2

Product (process) change notification

KYOCERA is going to implement a change(s)
 as described below.
 Please kindly examine the change(s).

Approved	Examined	Charged
T.Koyanagi	K.Jikuhara	R.Satake

Items	End of Life Notice for Clock Oscillators (One Room Type & L Series)
Classifications	Design, Material, Production process, Place of manufacture, Distribution channel, Others (End of Life / Clock Oscillators One Room Type & L Series)
Description	<p>1. Subjected products KC2520B, KC2520M Series / KC2520C Series /KC5032A Series /KC5032P Series KC7050P Series / KC5032G/KC5032R Series / KC7050G/KC7050R Series KC3225L/KC5032L/KC7050L/ MC3225L/MC5032L/MC7050L Series KV5032G/KV5032R Series / KV5032D Series / KV7050G/KV7050R Series KV7050A Series / KV7050B Series KV3225L/KV5032L/KV7050L / MV3225L/MV5032L/MV7050L Series</p> <p>2. Application content End of Life Notice for Clock Oscillators (One Room Type & L Series)</p> <p>3. Schedule of production termination Last Time Buy PO : Jun 30, 2023 Production Termination : Dec 31, 2023 Last Supply : Mar 31, 2024</p>
Reasons	<p>1.Aging of production facilities Due to aging of our production facilities and hard to maintain for continuous supply</p> <p>2.IC production termination planning by supplier Due to supplier's plans of IC production termination and hard to keep stable supply</p> <p>Per the reasons above, we regret to tell you that we have no choice but to end production of our clock oscillators as per the schedule as follows. We are very sorry for any inconvenience this decision may cause for you, but we would like you to consider our suggested replacement oscillator for each effected product.</p>
Remarks	<i>*The prolonged shortage of IC supply is becoming even more severe. We have been requesting IC suppliers to improve the stable supply, but there is an increasing risk that the lead time until shipment will be prolonged. We apologize for the inconvenience, but please take measures of replacement crystal oscillator immediately.</i>

Please mark your response, and describe the reason if your response is any of 2~4 <u>Your response</u> 1.Accepted 2.Conditionally accepted 3.Reserved 4.Alternative to be submitted	Reason (s) :	Name of your company		
		Division in charge		
		Approved by	Checked by	Charged by

Please fill the above with your response and return this form to KYOCERA.

This column is filled by KYOCERA for final confirmation	Engineering Section	Quality Assurance Section	Purchase Division	Sales Division
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1. Discontinued items and their substitute

One room type of clock oscillators (CMOS, LV-PECL, LVDS, HCSL)

One room type of voltage controlled clock oscillators

One room type of clock oscillators (CMOS, LV-PECL, LVDS, HCSL)

Series	Frequency Range	Substitute		Note
		Consumer / Industrial	Automotive	
KC2520B, KC2520M Series	80MHz <	KC2520Z Series	MC2520Z Series	80MHz or less is EOL completed.
KC2520C Series	All	KC2520Z Series	MC2520Z Series	
KC5032A Series	50MHz <	KC5032Z Series	MC5032Z Series	50MHz or less is EOL completed.
KC5032P Series	All	KC3225F Series*1	MC3225F Series*1	The size of the replacement proposal is different.
KC7050P Series	All	KC3225F Series*1	MC3225F Series*1	The size of the replacement proposal is different.
KC5032G/KC5032R Series	All	---	---	We don't have a replacement offer.
KC7050G/KC7050R Series	All	---	---	We don't have a replacement offer.
KC3225L/KC5032L/KC7050L Series MC3225L/MC5032L/MC7050L Series	All	KC3225F Series*1	MC3225F Series*1	The size of the replacement proposal is different.

*1: New product in development (only 100, 125 and 156.25MHz are available)

Target schedule: Sample from Jan, 2023 ~, Mass Production from Jul, 2023

One room type of voltage controlled clock oscillators

Series	Frequency Range	Substitute		Note
		Consumer / Industrial	Automotive	
KV5032G/KV5032R Series	All	---	---	We don't have a replacement offer.
KV5032D Series	All	---	---	We don't have a replacement offer. Some frequencies and part numbers have already been EOLed
KV7050G/KV7050R Series	All	---	---	We don't have a replacement offer.
KV7050A Series	All	---	---	We don't have a replacement offer.
KV7050B Series	All	---	---	We don't have a replacement offer. Some frequencies and part numbers have already been EOLed
KV3225L/KV5032L/KV7050L Series MV3225L/MV5032L/MV7050L Series	All	---	---	We don't have a replacement offer.