

## PRODUCT CHANGE NOTIFICATION COVERSHEET

CTS Part Number: TF32 Crystal Platform

Product Description: 32.768kHz Crystal Product

Customer: Various

Customer Part Number: NA



**Change Notification Only - No Customer Response Required**



**Customer Authorization Required - Please Confirm Acceptance by E-Mail**

**Reason for PCN:** Correct typo for load capacitance code in Ordering Information part number builder table.

**Description for Change:** The load code "N" was used for 7pF value. This was a typographical error and should be code "V".

**Change Instructions:** Obsolete part numbers with "N" code loaded in PRMS. Complete Load corrected part numbers in PRMS. Complete.

TF321N32K7680R - corrected to TF321V32K7680R

TF322N32K7680R - correct to TF322V32K7680R

Model		Frequency Tolerance	Load Capacitance	Frequency Code [kHz]	Packaging	
TF	32	2	P	32K7680	R	
Code	Package		Code	Capacitance	Code	Packing
32	3.2x1.5mm		P	12.5pF	R	3k pcs./reel
			J	9pF		
			V	7pF		
			T	6pF		
		Code @ +25°C		Code	Frequency	
		2 ±20ppm			Product Frequency Code <sup>1</sup>	
		1 ±10ppm				

Notes:

1] Frequency is recorded with two leading digits before the 'K' and 4 significant digits after the 'K' [including zeros].

**Not all performance combinations and frequencies may be available.  
Contact your local CTS Representative or CTS Customer Service for availability.**

This product is specified for use only in standard commercial applications. Supplier disclaims all express and implied warranties and liability in connection with any use of this product in any non-commercial applications or in any application that may expose the product to conditions that are outside of the tolerances provided in its specification.

**Implementation Date:** Immediate

**Notes:** Change does not affect form-fit-function of device.

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**CTS Approvals:** CTS internal PCN electronic signatures.