



Product End-of-Life Notification

PCN: 20220414-01

Dear Valued Customer,

Because you have purchased one or more of the Low Power OCXO products listed below during the past five (5) years that are manufactured at our off-shore partner site in Russia, we would like to know if you have any continuing requirements for them in the future. We would appreciate your advising us of any such requirements and estimated quantities needed as soon as possible.

In an attempt to satisfy any continuing requirements you may have, CTS is offering a non-cancelable lifetime buy for the product, with replacement option. Unfortunately due to material acquisition constraints we will require a LTB PO before July 31, 2022 with scheduled deliveries within FY 2022 or best, based on order requests.

All recommended replacements below are Form-Fit-Function drop-in alternatives except for the SMD model VFOV406. This model utilizes "gull-wing" terminals. The replacement has standard SMD castellation terminations.

Current Obsolete Part number	FFF replacement
VFOV404-RAECH-83.88608MHz	VFOV414-17AECHT-83M88608
VFOV404-RDDCS-100.000MHz	VFOV414-17DDCST-100M000
VFOV404-REDCS-100.000MHz	VFOV414-17EDCST-100M000
VFOV404-RGDCS-10.000MHz	VFOV414-17GDCST-10M000
VFOV404-RGDDS-9.600MHz	VFOV414-17GDDST-9M600
VFOV404-RGECH-20.480MHz	VFOV414-17GECHT-20M480
VFOV404-TDECS-10.000MHz	VFOV414-58DECST-10M000
VFOV404-TGDCS-30.000MHz	VFOV414-58GDCST-30M000
VFOV404-TGDDS-10.000MHz	VFOV414-58GDDST-10M000
VFOV404-TGDDS-25.600MHz	VFOV414-58GDDST-25M600
VFOV404-TGECS-10.000MHz	VFOV414-58GECST-10M000
VFOV404-TGECS-24.000MHz	VFOV414-58GECST-24M000
VFOV404-UCDDH-10.000MHz	VFOV414-28CDDHT-10M000
VFOV404-UDEDS-20.000MHz	VFOV414-28DEDST-20M000
VFOV404-UEDDH-40.000MHz	VFOV414-28EDDHT-40M000
VFOV404-UGDDS-10.000MHz	VFOV414-28GDDST-10M000
VFOV404-UGEDH-100.000MHz	VFOV414-28GEDHT-100M000
VFOV405-RBDDH-10.000MHz	VFOV415-17BDDHT-10M000
VFOV405-RDECH-10.000MHz	VFOV415-17DECHT-10M000
VFOV405-RGECH-10.00MHz	VFOV415-17GECHT-10M000
VFOV405-RGECH-19.200MHz	VFOV415-17GECHT-19M200
VFOV405-TBEDH-10.000	VFOV415-58BEDHT-10M000



Current Obsolete Part number	FFF replacement
VFOV405-TDECH-10.000	VFOV415-58DECHT-10M000
VFOV405-TGECH-26.000	VFOV415-58GECHT-26M000
VFOV405-TGEDH-20.000	VFOV415-58GEDHT-20M000
VFOV405-UDECH-10.000MHz	VFOV415-28DECHT-10.000M
VFOV405-UGECH-10.000MHz	VFOV415-28GECH-10M000
VFOV405-VBDDH-10.000MHz	VFOV415-18BDDHT-10M000
VFOV405-WCEDH-10.000MHz	VFOV415-59CEDHT-10M000
VFOV406-RGECH-50.000MHz	VFOV414-17GECHS-50M000
VFOV406-VDEDH-40.000MHz	VFOV414-18DEDHS-40M000
VFOV504-RGDAS-100.000MHz	VFOV514-17GDAST-100M000
VFOV504-RGDBS-100.000MHz	VFOV514-17GDBST-100M000
VFOV504-TGDFS-100.000MHz	VFOV514-58GDFST-100M000
VFOV504-TGDFS-120.000MHz	VFOV514-58GDFST-120M000
VFOV504-TGEFNS82-100.000MHz	VFOV514-58GEFNST-100M000
VFT8SD17S5-19.200	VFOV415-17DDDHT-19M200
VFT8WN 10.173958MHZ	VFOV415-37GDDHT-10M173958



VFOV404



VFOV405



VFOV406



VFOV504



VFOV414



VFOV415



VFOV514

Samples of the replacement OCXOs can be available upon request.

For questions regarding this notice, please contact your local Customer Service Representative.

Sincerely,

PCN Team

Statement of Force Majeure

As you are aware, as a result of the Russian invasion of Ukraine, the United States and its allies have imposed extensive sanctions on Russian financial institutions, individuals, and participants in the technology sector. While CTS is evaluating the specific impact from these new requirements on our supply chain, we anticipate supply chain disruptions, including without limitation, the inability to source components and raw material from Russia and delays in fulfilling customer requirements. We have identified you as a customer who may be impacted by the Russian sanctions.

The situation is fluid and we are closely monitoring implementation of the Russian sanctions. While CTS will take reasonable measures (in accordance with applicable requirements) to mitigate supply chain disruption, CTS reserves the right to declare these sanctions a force majeure event beyond our reasonable control.