

PCN : Hardware Change Notification TC6000GN

confidential information notification

INTRODUCTION

GNS reacts to the limited availability of high-quality TCXOs in the coming months and until further notice also uses high-quality TCXOs with a different base frequency in the production of the TC6000GN. GNS takes this measure to ensure the uninterrupted production of the TC6000GN for its customers by providing access to its own and third party stock.

TECHNICAL BACKGROUND

The TI chipset used in the TC6000GN has been designed with technical foresight to operate at different TCXO frequencies. The firmware recognizes the frequency of the TCXO used and sets its function parameters to this frequency. Thus the frequency of the TCXO has no influence on the function of the TC6000GN. In the future, GNS will produce another TC6000GN with the new TCXO frequency 38.400 MHz (instead of 26.000 MHz). Further frequencies are in preparation.

Part Number	TCXO Frequency [MHz]	MPN	in preparation / available
TC6000GN-A	13.000	4037735106345	in preparation
TC6000GN-B	16.368	4037735106352	in preparation
TC6000GN-C	19.200	4037735106369	in preparation
TC6000GN-D	26.000	4037735106376	available from Jan 1 th 2021
TC6000GN-P1	26.000	4037735105249	available until Dec 31 th 2020
TC6000GN-P1	26.000	4037735104327	available until Dec 31 th 2020
TC6000GN-E	32.736	4037735106383	in preparation
TC6000GN-F	38.400	4037735106390	available from Jan 1 th 2021
TC6000GN-G	52.000	4037735106406	in preparation

COMPATIBILITY

All technical data of the TC6000GN-X except for the TCXO frequency remain unchanged.

The frequency of the used TCXO can be read once at startup of the TC6000GN-X at the output information banner.

Information banner (TC6000GN-D @ 26.000MHz TCXO)

\$PTIGCD,1,1,GPSVER,C,02.00,**5f**,R,01.09.01.00,12/26/2008,P,31.93,03/29/2019*56

Information banner (TC6000GN-F @ 38.400MHz TCXO)

\$PTIGCD,1,1,GPSVER,C,02.00,**d7**,R,01.09.01.00,12/26/2008,P,31.93,03/29/2019*56

TIME SCHEDULE

The use of the alternative TCXO is planned from Jan 1th 2021.



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