

PRODUCT CHANGE NOTICE PCN Form (D4-E000-73)

PCN# 15-026

NOTIFICATION DATE: May 13, 2015

MODEL(S) AFFECTED:

ROS-480+

EXTENT OF CHANGE:

1. Replacement of supplied transistor and varactor diode based on discontinuation of supply with alternate, qualified components.
2. Slight changes of additional internal components to support item 1 and repeat historical performance.

EFFECT OF CHANGE:

No change in FIT or FORM

Slight change in Function - performance differs from original performance as follows:

Parameters	Original Performance	Original spec	New Performance	New Spec
Tuning sensitivity	9.4 to 10.3 MHz/V	10 MHz/V	7.5 to 12 MHz/V	8 - 12 MHz/V
Pushing	0.21 to 0.59 MHz/V	0.3 MHz/V	0.35 to 0.61 MHz/V	0.45 MHz/V
Phase Noise@1kHz	-91 to -87 dBc/Hz	-90 dBc/Hz	-89 to -86 dBc/Hz	-88 dBc/Hz
Phase Noise@10kHz	-119 to -115 dBc/Hz	-117 dBc/Hz	-116 to -114 dBc/Hz	-115 dBc/Hz
Pulling	0.02 to 0.25 MHz	0.1 MHz	0.03 to 0.41 MHz	0.25 MHz

No addition or removal of components.

REASON FOR CHANGE:

1. Obsolescence of supplied transistor
2. Obsolescence of supplied varactor diode.

EFFECTIVE DATE OF CHANGE:

Immediate based on stock conditions

ATTACHMENTS:

Data available to support the change

See updated spec for change in performance / Revised datasheet at www.minicircuits.com/pdfs/ROS-480+.pdf

QUESTIONS?

[PLEASE CONTACT US.](#)

Rev. A (updated Aug. 27, 2015)