

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

PCN# 15-022

NOTIFICATION DATE: April 14, 2015

MODEL(S) AFFECTED:

ROS-3050-819+, ZX95-3050A+

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	Current Performance	Current Spec
Pushing	0.11 to 2.49 MHz/V,	0.07 to 2.88 MHz/V	1.7 MHz/V Typ.
Phase Noise @ 1kHz	-70.75 to -64.62 dBc/Hz	-71.31 to -62.92 dBc/Hz	-69 dBc/Hz Typ.
Pulling	1.27 to 4.39 MHz	0.58 to 3.13 MHz	2 MHz Typ.

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

ATTACHMENTS:

Data available to support the change

See updated spec for change in typical Pushing and Phase Noise, revised datasheet at www.minicircuits.com/pdfs/ROS-3050-819+.pdf and www.minicircuits.com/pdfs/ZX95-3050A+.pdf

QUESTIONS?

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