

PRODUCT CHANGE NOTICE

PCN Form (D4-E000-73)

PCN#15-063**NOTIFICATION DATE: September 8, 2015****MODEL(S) AFFECTED:****ROS-1300+ ZX95-1300-S+****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
Sensitivity	36.5 to 62.5 MHz/V	40-60 MHz/V Typ	24.8 to 64.9 MHz/V	25-65 MHz/V Typ
Ph. N @ 1kHz	-71.86 to -65.56 dBc/Hz	-65 dBc/Hz Typ	-75.35 to -69.45 dBc/Hz	-70 dBc/Hz Typ
Ph. N @ 10kHz	-96.8 to -92.5 dBc/Hz	-91 dBc/Hz Typ	-99.7 to -93 dBc/Hz	-95 dBc/Hz Typ
Pushing	0.53 to 2.11 MHz/V	1.5 MHz/V Typ	1.13 to 3.26 MHz/V	3 MHz/V Typ
DC current	29.7 to 31.9 mA	40 mA Max	34 to 35.2 mA	42 mA Max
Second Harmonic	-16.01 to -10.7 dBc	-12 dBc Typ	-13.71 to -8.68 dBc	-11 dBc Typ
Third Harmonic	-27.21 to -16.76 dBc		-40.45 to -15.5 dBc	

No addition or removal of components.

REASON FOR CHANGE:

Obsolescence of supplied components

EFFECTIVE DATE OF CHANGE:

Immediate, pending stock depletion

ATTACHMENTS:

Data available to support the change

See datasheets at the links below

[ROS-1300+](#) [ZX95-1300-S+](#)**QUESTIONS?****[PLEASE CONTACT US.](#)**