

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

PCN#16-078

NOTIFICATION DATE: December 2, 2016

MODEL(S) AFFECTED:

ROS-1960-219+
ZX95-1960-S+

EXTENT OF CHANGE:

1. Replacement of supplied transistor based on discontinuation of supply with alternate, qualified component.
2. Minor changes of additional internal components to support item 1 and approximate historical performance.

EFFECT OF CHANGE:

No change in FIT or FORM

Minor change in FUNCTION - performance and specifications differ from original as follows:

Parameters	Original Performance	Original spec	New Performance	New Spec
Ph.Noise@1kHz	-91.8 to -90.7 dBc/Hz	-93 dBc/Hz Typ	-94.8 to -89.7 dBc/Hz	-92dBc/Hz Typ
Ph.Noise@1MHz	-157.3 to -156.4 dBc/Hz	-161 dBc/Hz Typ	-159.2 to -155.9 dBc/Hz	-158 dBc/Hz Typ
Harmonics@F2	-29.4 to -28.72 dBc	-26 dBc Typ	-27.1 to -26.46 dBc	-26 dBc Typ
Harmonics@F3	-34.57 to -33.35 dBc	-17 dBc Max	-32.22 to -28.81 dBc	-17 dBc Max

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 link below for change in performance
[ROS-1960-219+](#) [ZX95-1960-S+](#)

QUESTIONS?

[PLEASE CONTACT US.](#)