

PRODUCT CHANGE NOTICE

PCN Form (D4-E000-73)

PCN#19-034

NOTIFICATION DATE: March 20, 2019

MODEL(S) AFFECTED:

Existing Model:	Replacement Model:
ROS-244+	<u>ROS-244R+</u>

EXTENT OF CHANGE:

1. Replacement of supplied transistors and varactor diodes based on discontinuation of supply with alternate, qualified transistors and varactors
2. Changes of internal component values to support item 1

EFFECT OF CHANGE:

No change in FIT or FORM.

Change in Function – performance and specifications vary from original performance as follows:

Parameters	ROS-244+		ROS-244R+	
	Performance	Specification	Performance	Specification
Ph. N @ 1kHz	-95.2 to -91.6 dBc/Hz	-96 dBc/Hz Typ	-98.9 to -89.1 dBc/Hz	-94 dBc/Hz Typ
Ph. N @ 10kHz	-120.3 to -118.4 dBc/Hz	-123 dBc/Hz Typ	-121 to -116.2 dBc/Hz	-120 dBc/Hz Typ
Ph. N @ 100kHz	-140.8 to -139.1 dBc/Hz	-143 dBc/Hz Typ	-140.9 to -137.4 dBc/Hz	-140 dBc/Hz Typ
Ph. N @ 1MHz	-160.9 to -159 dBc/Hz	-162 dBc/Hz Typ	-160.7 to -157.2 dBc/Hz	-160 dBc/Hz Typ
Sensitivity	4.8 to 6.4 MHz/V	6 MHz/V Typ	4.8 to 9.9 MHz/V	5-10 MHz/V Typ
2 nd Harmonics	-20.4 to -19.77 dBc	-20 dBc Typ	-20.36 to -18.97 dBc	-18 dBc Typ
Pulling	0 to 0.09 MHz	0.1 MHz Typ	0.02 to 0.36 MHz	0.2 MHz Typ
DC Current	25.7 to 26.4 mA	32 mA Max	27.7 to 28.3 mA	34 mA Max

No change in internal or external layout.

REASON FOR CHANGE:

Obsolescence of supplied components

EFFECTIVE DATE OF CHANGE:

Immediate, pending stock depletion

ATTACHMENTS:

Data available to support the change

QUESTIONS?

[PLEASE CONTACT US.](#)

AS9100 ISO9001 ISO14001 Certified to QMS and EMS