

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

**PCN#18-053**

**NOTIFICATION DATE: May 15, 2018**

**MODEL(S) AFFECTED:**

| Existing Model: | Replacement Model:             |
|-----------------|--------------------------------|
| MOS-1890-119+   | <a href="#">MOS-1890-119R+</a> |

**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 differs from original performance as follows:

| Parameters   | Existing Model          |                 | Replacement Model       |                 |
|--------------|-------------------------|-----------------|-------------------------|-----------------|
|              | Original Performance    | Original spec   | New Performance         | New Spec        |
| Ph. N @ 1kHz | -81.5 to -78.9 dBc/Hz   | -79 dBc/Hz Typ  | -81.2 to -75.5 dBc/Hz   | -77 dBc/Hz Typ  |
| Ph. N 10kHz  | -107.1 to -105.1 dBc/Hz | -105 dBc/Hz Typ | -107.2 to -102.3 dBc/Hz | -104 dBc/Hz Typ |

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.](#)**