

PRODUCT CHANGE NOTICE

PCN Form (D4-E000-73)

PCN#15-027**NOTIFICATION DATE: May 13, 2015****MODEL(S) AFFECTED:****JTOS-1300+****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.
3. Improvement in canning process for better control

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
Power Out	7.73 to 8.97 dBm	+7 dBm	5.4 to 8.54 dBm	+6 dBm Typ.
Tuning Sensitivity	30.6 to 41 MHz/V	25 - 45 MHz/V Typ.	36 to 50.4 MHz/V	36 - 50 MHz/V Typ.
Vtune Port Cap.	30 to 47 pF	N/A	90 to 92 pF	90 pF Typ.
3dB mod. BW	46 MHz	1 MHz Typ.	15 to 19 MHz	10 MHz Typ.
Freq. Range	844 to 1432 MHz	900 - 1300 MHz	763 to 1494	900 - 1300 MHz

No addition or removal of components.

REASON FOR CHANGE:

1. Obsolescence of supplied transistor
2. Obsolescence of supplied varactor diode.
3. Improvement in canning process for better control

EFFECTIVE DATE OF CHANGE:

Immediate

ATTACHMENTS:

Data available to support the change

See updated spec for change in Harmonics, typical Pushing and Phase Noise, revised datasheet available at

www.minicircuits.com/pdfs/JTOS-1300+.pdf**QUESTIONS?****[PLEASE CONTACT US.](#)**

Rev. A (updated Aug. 27, 2015)