QUALITY ASSURANCE

**Wan7.com** provides high performance and high quality products for Original Equipment Manufacturers (OEM). Most **Wan7.com**’s products are designed to meet MIL-STD-202 or MIL-STD-883 standards. Other MIL-STD’s may apply to some products.

All prototypes or engineering samples subject 100% temperature test and mechanical dimension test. **Figure 1** summarizes the test of engineering prototype.

Representative samples (6 pieces sample size for module product and 38 pieces for packaged IC products) taken from the first production shipment and periodically thereafter shall meet certain MIL-STD standards covered in **Wan7.com** test procedure WQA05.003 under the following qualification test conditions summarized in **Figure 2**.

Consult the factory for other standard requirement for a custom product.

**LIMITED WARRANTY**

The **Wan7.com** warrants that, at time of shipment, the products manufactured by **Wan7.com** are free from defects in material and workmanship. **Wan7.com** obligation under this warranty is limited to replacement or repair of such products within one year from the date of shipment. No material is accepted for replacement or repair without written authority of **Wan7.com**. Replacement or repair is made only after examination at the **Wan7.com** plant shows defective material or workmanship at the time of manufacture. The buyer must prepay all shipping charges on the returned material.

**Wan7.com** is in no event liable for consequential damages, installation cost or other costs of any nature as a result of the use of the products manufactured by **Wan7.com**, whether used in accordance with instructions or not. **Wan7.com** is not liable for replacement of any antenna or other equipment damaged by lightning or power surge.

This warranty is in lieu of all others, either expressed or implied. No representative is authorized to assume for **Wan7.com** any other liability in connection with **Wan7.com** products.
FIG. 1 Engineering prototype test

- Temperature Test to electrical specifications @ 25 °C, 85 or 65 °C, and –40 °C
- Physical dimension measurement.

FIG. 2 Product qualification testing flow chart Per MIL-STD 202

- Temperature Test to electrical specifications @ 25 °C, 85 or 65 °C, and –40 °C
- Physical dimension measurement.

Thermal Shock
- Un-powered, -40 ~ +85 °C, 60 Min., 10 Cycles, 20 Secs. Transaction

Humidity
- Un-powered, +50 °C, 90~95%, non-condensing humidity, 192 hr. duration, 12 hr. maximum dry out, Electrical test @ +25 °C

Vibration
- 0.04 g^2, 2~200 Hz random, 15 min. per plane.

Mechanical Shock
- 11 ms Sine Wave Pulse, 3 impacts per axis, type L, 20 g

Product Final Characterization
- Temperature Test to electrical specifications @ 25 °C, 85 or 65 °C, and –40 °C
- Physical dimension measurement.