

Crystal Network Analyzer

SCN-6000 Data Sheet



- **Fast and accurate transmission method measurement using a PI Network**
- **Phase locked & frequency locked operation**
- **Accuracy: +/- 1 ppm typical for frequency, typically 5% for resistance**
- **Three types of FL measurement including equivalent reactance method**
- **Fast measurement, <0.5 sec. for full measurement of motional parameters**
- **1-256 MHz frequency range**
- **A broad selection PI Networks available for various leaded and SMD packages**
- **10 Point DLD Test in <0.5 seconds**

Additional Features

- ✓ **Numerous drive level dependency (DLD) test options**

- ✓ **Variable drive power, 1 nW to 100 uW 1 – 160 MHz (25 ohm crystal)**
1 nW to 50 uW 160 – 256 MHz (25 ohm crystal)

- ✓ **Immediate PASS/FAIL indication against performance specification**

- ✓ **Test spurious modes, multiple capacitive load frequencies and trim sensitivity**

- ✓ **Flexible result storage for easy data export (DBASE data format)**

- ✓ **On-line statistical lot analysis for review and reporting**