S&A W-280B OSCILLATOR ANALYZER

- Comprehensive oscillator waveform analysis
- Precision time interval analysis of oscillator startup characteristics
- Selectable test parameters with user defined QC limits
- User friendly Windows® System software
- All data is published in Microsoft Access™ compatible data base in real time
- Data can be exported to Microsoft Excel™ for custom data analysis

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- Probe Cards available for
  - LVDS, PECL, ECL
  - CMOS, TTL
  - Custom

- SMD Test Sockets available
  - 5.0x7.5, 5.0x7.0, 4.8x7.3, 3.2x2.5, 2.5x2.0

- Lead Test Sockets available for
  - 14 pin DIP/Full and Half

- Custom Test Sockets

Tests primary output, complementary output, or differential outputs
Tests both VCO and enable pin
Support for both 6 pin and 4 pin devices

SPECIFICATIONS

Oscillator Frequency Range: 10 KHz to 1 GHz
Oscilloscope Analog Bandwidth: 600 MHz (rise time 1% error at 5 nsec)
Oscillator X10 Probe Bandwidth: 1 KHz to 850 MHz (2.5 K Ohm Max Impedance)
Oscillator X50 Probe Bandwidth: 1 KHz to 500 MHz (12.5 K Ohm Max Impedance)
MEASUREMENTS

- Start-up Time
- Rise Time
- Fall Time
- Start Frequency
- Frequency
- Frequency Min.
- Frequency Max.
- Duty Cycle
- Enable Time
- Supply Current
- Logic High Level
- Logic Low Level
- Short Test
- Open Test
- Period
- Peak to Peak Voltage
- RMS Voltage
- Linearity
- High Pull
- Low Pull
- Total Pull
- Power
- Tri-State
- Bin
- Date
- Time
- Jitter

SYSTEM CONFIGURATION

- Bench Top Fixture
- Two Probe Cards
- Oscilloscope
- Chassis (optional)
- Printer (optional)
- Computer (minimum Pentium III, 2 PCI slots, 1 full size PCI slot)
- S&A MFC-100 Card (requires full size PCI slot)
- Windows® based System Software
- Network Router

SAMPLE REPORTS

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