CONNOR WINFIELD

## CRYSTAL CONTROLLED OSCILLATORS

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## CMOS SURFACE MOUNT ADVANCED ASM51 ASM53 ASM54 SPECIFICATIONS ASM52 14MHz to 150MHz Frequency Range ±25ppm ±50ppm ±100ppm ±20ppm Frequency Stability (Inclusive of calibration tolerance at 25°C and operating temperature range) Temperature Range 0°C to +70°C CMOS Squarewave, TTL Compatible Waveform 50pF Load Voltage 4.40V Minimum Voh Vol 0.44V Maximum Output Current -24mA loh 24mA lol Duty Cycle 45/55 Maximum Rise/Fall Time 3nS 10pS RMS Maximum Jitter Start Up Time 10mS Maximum +5Vdc ±10% Supply Voltage Supply Current 100mA Maximum Hermetically sealed, leadless ceramic package Package

WARNING!

Do not insert oscillator into a hot circuit. Failure to comply will result in damage to oscillator.



