



AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

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PERFORMANCE CHECKSHEET

Model: AVR-CD1-B-AANB-SQMELF
Type: Semiconductor Device Tester
S.N.: 12180
Date: April 14, 2009

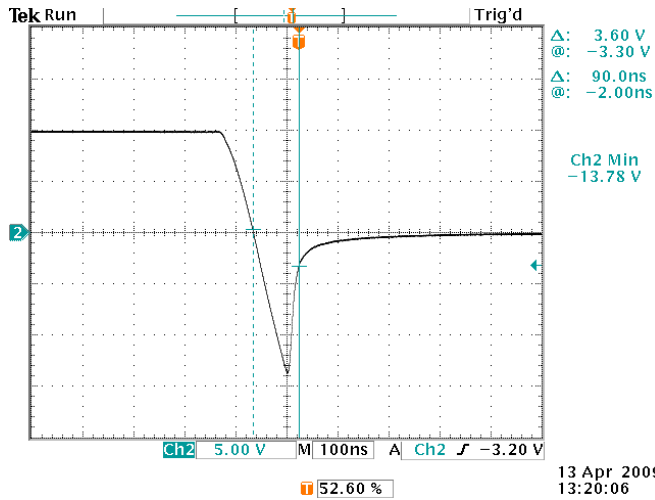
Output Amplitude: +0.1 to +10 A
Pulse Width (FWHM): 2 us
Switching Time,
+ to -: 100 – 200 A/us
PRF: 1 - 100 Hz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

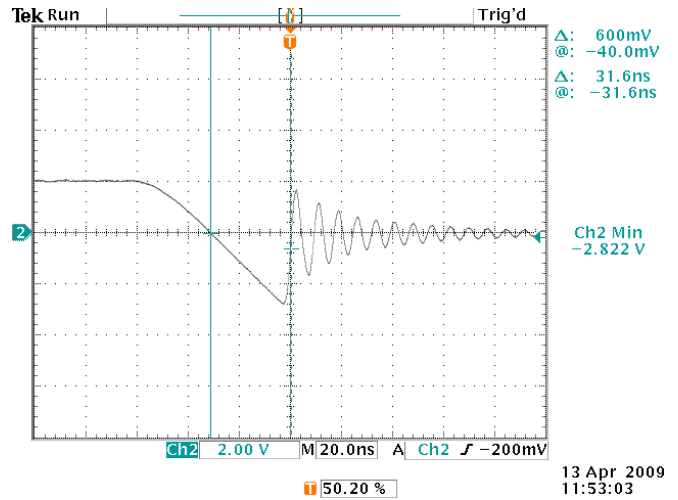
Test Waveforms

With an On Semi 1N4937 installed in the AVX-CD1-AANB daughterboard, +10A, 200 A/us.

With a Microsemi MQ1N5811US installed in the AVX-CD1-SQMELF daughterboard, +2A, 100 A/us.



Measured $t_{RR} = 90$ ns.



Measured $t_{RR} = 31.6$ ns.

More actual test results are provided in the "Typical Results" section of the manual.