

# AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS  
SINCE 1975

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## PERFORMANCE CHECKSHEET

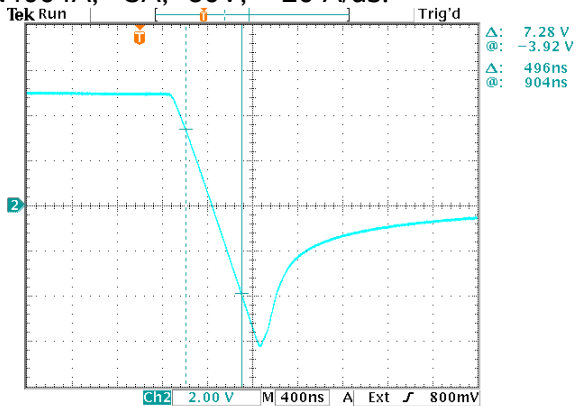
Model: AVR-CD1-B-DO4  
Type: Semiconductor Device Tester  
S.N.: 12783  
Date: March 16, 2012

Output Amplitude: +0.1 to +10 A  
Pulse Width (FWHM): 10 us  
Switching Time,  
+ to -: < 20 to > 200 A/us  
PRF: 1 - 100 Hz  
Jitter, Stability: OK  
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

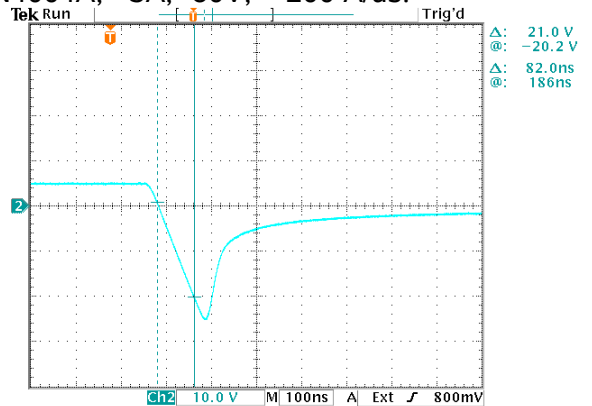
### Test Waveforms

1N4004A, +5A, -80V, < 20 A/us.



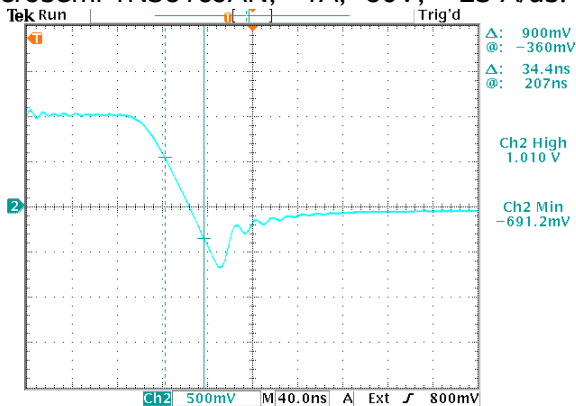
7.28A / 496 ns = 14.7 A/us

1N4004A, +5A, -80V, > 200 A/us.



21A / 82 ns = 256 A/us

Microsemi 1N5816JAN, +1A, -80V, ~ 25 A/us.



900 mA / 34.4 ns = 26.2 A/us