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BOX 5120, LCD MERIVALE OTTAWA, ONTARIO CANADA K2C 3H4

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PERFORMANCE CHECKSHEET

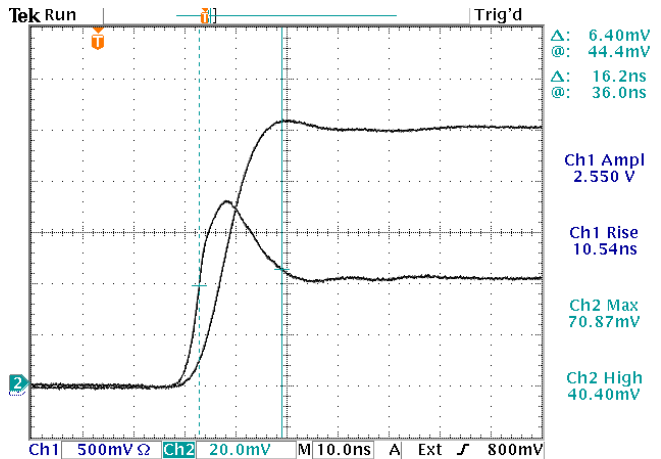
Model: AVR-EBF6-B
Type: Forward Recovery Test System
S.N.: 12350
Date: December 7, 2009

Output Amplitude: 100 mA to 1 A
Pulse Width (FWHM): 200 ns to 10 us
Rise Time (10%-90%): 10 ns (depending on the filter used)
PRF: 1 Hz - 100 Hz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: ->

Test Waveforms

1N5819 sample waveform



7 Dec 2009 12:08:27

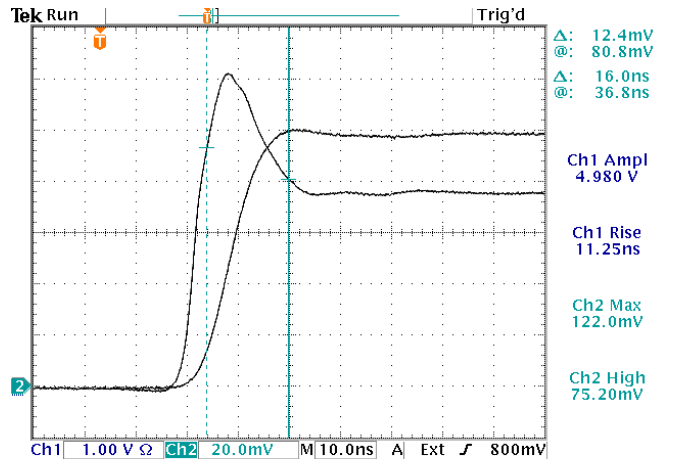
Step waveform: MON output (VIN/10, +25.5V, with ~ 10 ns rise time). 500 mV/div, 10 ns/div.

Peaked waveform: Main output (VDUT/10). 20 mV/div, 10 ns/div.

Shows VFM = 0.71V, and tFR = 16.2 ns for IF = 500 mA, using the recovery point 10% above steady state.

Tested using the supplied AVX-TFR-MIX test jig and the standard AVX-FILT-10NS filter.

MQ1N5811US sample waveform



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Step waveform: MON output (VIN/10, +50.5V, with ~ 10 ns rise time). 1V/div, 10 ns/div.

Peaked waveform: Main output (VDUT/10). 20 mV/div, 10 ns/div.

Shows VFM = 1.22V, and tFR = 16.0 ns for IF = 1A, using the recovery point 10% above steady state.

Tested using the AVX-TFR-SQMELF (S/N 12352) test jig and the standard AVX-FILT-10NS filter.