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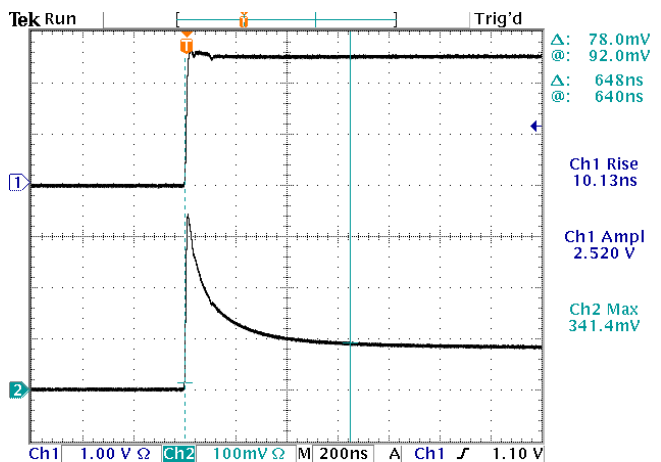
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PERFORMANCE CHECKSHEET

Model: AVX-TFR-STUD
Type: Forward Recovery Test Jig, for use with the AVR-EBF6-B series
S.N.: 13644
Date: November 9, 2017

Test Waveforms

Ruttonsha 12FLR60/F05 sample waveform



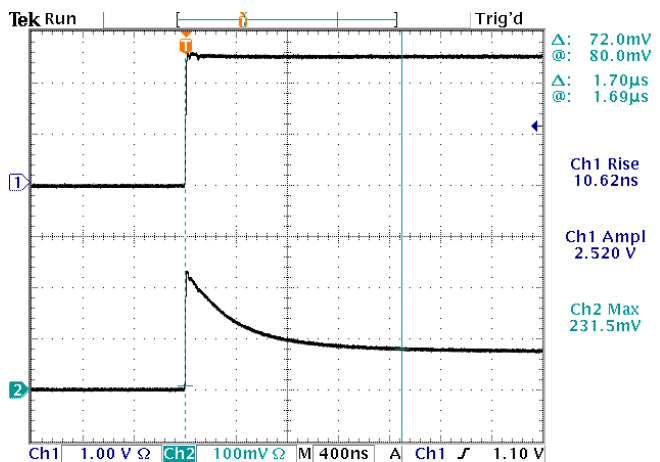
Step waveform: MON output ($V_{IN}/10$, +25.2V, with ~ 10 ns rise time). 1 V/div, 200 ns/div.

Peaked waveform: Main output ($V_{DUT}/10$). 100 mV/div, 200 ns/div.

Shows $V_{FM} = 3.414V$, and $t_{FR} \approx 648$ ns for $I_F \approx 0.5A$, using the recovery point 10% above steady state.

See the manual for a photo of the diode installed in the jig.

Ruttonsha 40HF80 sample waveform



Step waveform: MON output ($V_{IN}/10$, +25.2V, with ~ 10 ns rise time). 1 V/div, 400 ns/div.

Peaked waveform: Main output ($V_{DUT}/10$). 100 mV/div, 400 ns/div.

Shows $V_{FM} = 2.315V$, and $t_{FR} \approx 1.7$ us for $I_F \approx 0.5A$, using the recovery point 10% above steady state.

See the manual for a photo of the diode installed in the jig.