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BOX 5120, LCD MERIVALE
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PERFORMANCE CHECKSHEET

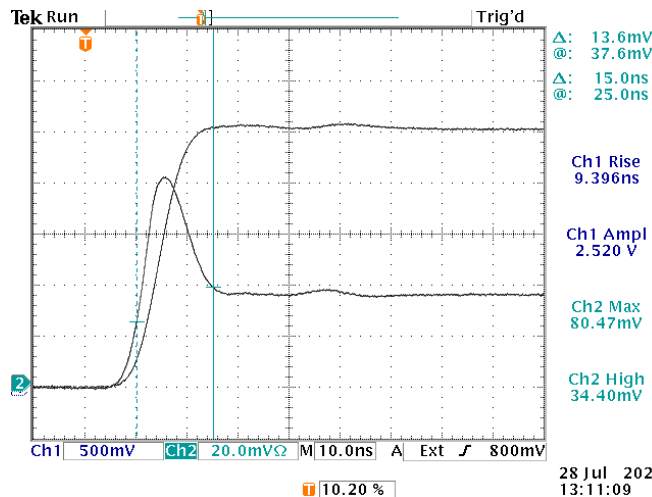
Model: AVR-EBF6-B-F20NS-SOD123W
Type: Forward Recovery Test System
S.N.: 14260
Date: July 28, 2022

Output Amplitude: 100 mA to 1 A
Pulse Width (FWHM): 200 ns to 10 us
Rise Time (10%-90%): 10 or 20 ns (depending on the filter used)
PRF: 1 Hz - 10 kHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

Test Waveforms

PMEG6045ETPX waveform (SOD128)



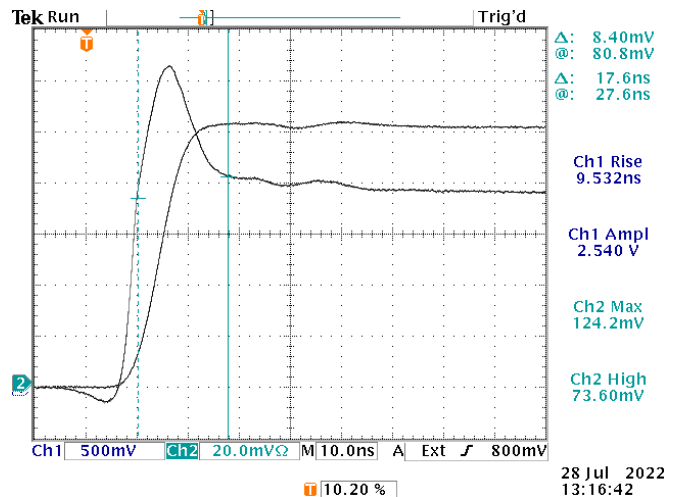
Step waveform: MON output ($V_{IN}/10$, +25.5V, with ~ 10 ns rise time). 500 mV/div, 10 ns/div.

Peaked waveform: Main output ($V_{DUT}/10$). 20 mV/div, 10 ns/div.

Shows $V_{FM} = 0.8047V$, and $t_{FR} = 15.0$ ns for $I_F = 500$ mA, using the recovery point 10% above steady state.

Tested using the supplied AVX-TFR-SOD128 test jig (S/N 14261) and the standard AVX-FILT-10NS filter.

PMEG150G10ELR-QX waveform (SOD123W)



Step waveform: MON output ($V_{IN}/10$, +25.5V, with ~ 10 ns rise time). 500 mV/div, 10 ns/div.

Peaked waveform: Main output ($V_{DUT}/10$). 20 mV/div, 10 ns/div.

Shows $V_{FM} = 1.242V$, and $t_{FR} = 17.6$ ns for $I_F = 500$ mA, using the recovery point 10% above steady state.

Tested using the AVX-TFR-SOD123W test jig (S/N 14260 accessory) and the standard AVX-FILT-10NS filter.