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BOX 5120, LCD MERIVALE  
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PERFORMANCE CHECKSHEET

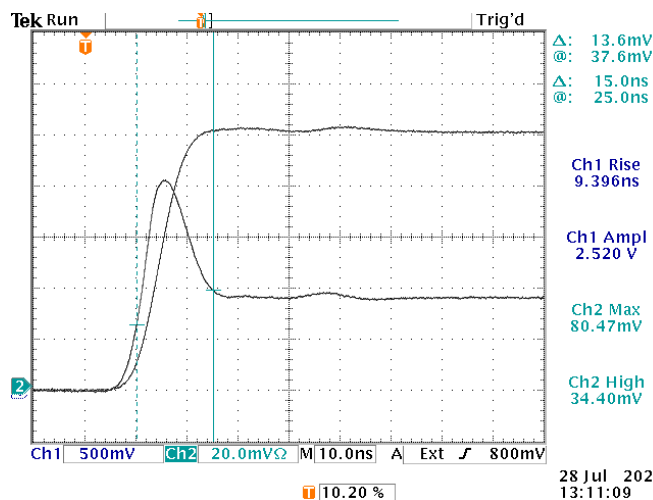
Model: AVR-EBF6-B-F20NS-SOD123W  
Type: Forward Recovery Test System  
S.N.: 14260  
Date: July 28, 2022

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)



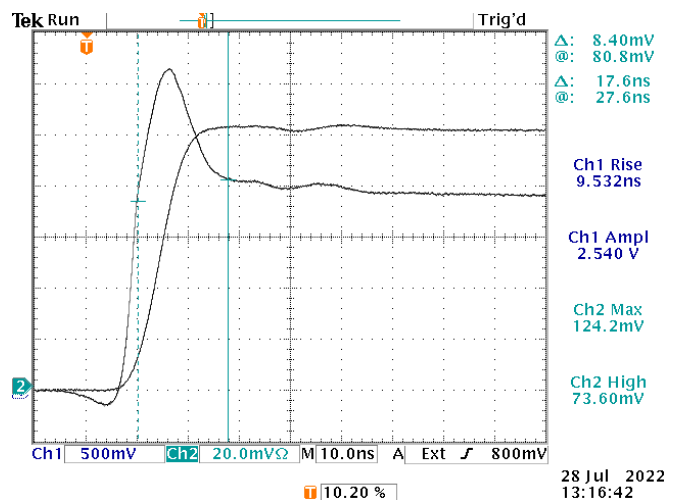
Step waveform: MON output ( $V_{IN}/10$ , +25.5V, with ~ 10 ns rise time). 500 mV/div, 10 ns/div.

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.