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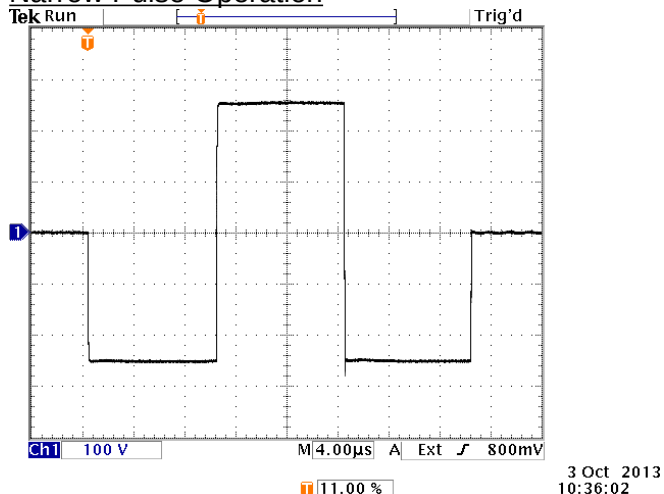
BOX 5120, LCD MERIVALE
OTTAWA, ONTARIO
CANADA K2C 3H5

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PERFORMANCE CHECKSHEET

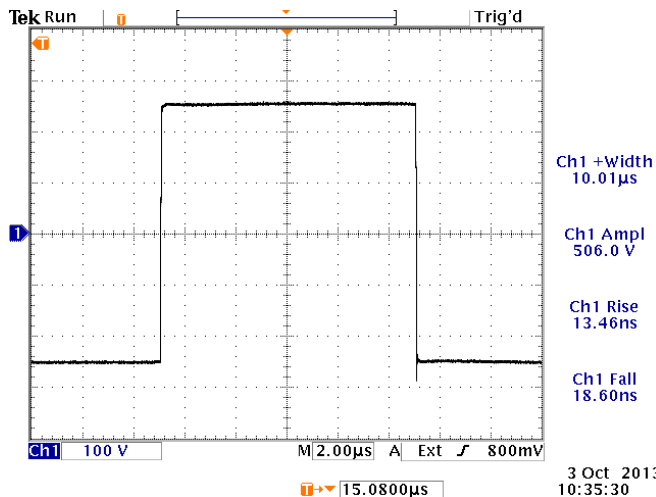
Model: AVR-D3-B-MS1
Type: Transistor Test Pulser
S.N.: 13072
Date: October 3, 2013

Narrow Pulse Operation



V_{MON}, with 10 Hz, PW1 = 10 us, PW2 = 30 us,
Delay = 10 us, ±250V, DUT on OUT = 0Ω. 100
V/div, 4 us/div.

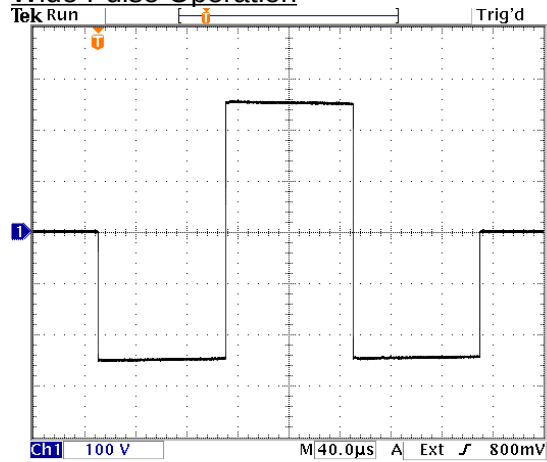
- a) Output Signal Amplitude: ±1 to ±250V
- b) Pulse Width: 10-100 us, 30-300 us
- c) Rise Time (20%-80%): < 20 ns
- d) Fall Time (20%-80%): < 20 ns
- e) PRF: 1 Hz - 10 Hz
- f) Jitter, Stability: OK
- g) Prime Power: 100-240V AC, 50-60 Hz.



Same pulse as above, scaled at 2 us/div to show
the rise and fall times.

References levels: 20%, 80%.

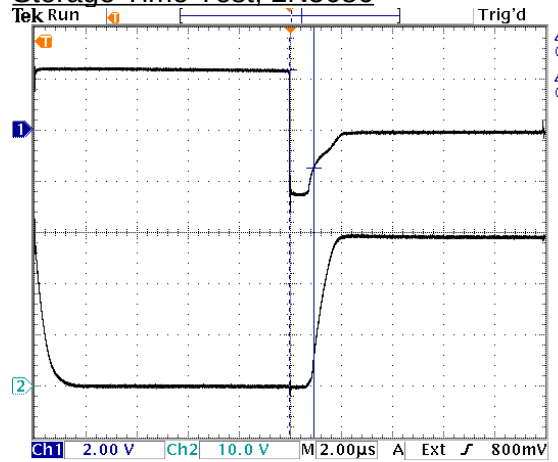
Wide Pulse Operation



3 Oct 2013
10:36:27

V_{MON} , with 10 Hz, PW1 = 100 us, PW2 = 300 us, Delay = 100 us, $\pm 250V$, DUT on OUT = 0Ω . 100 V/div, 40 us/div.

Storage Time Test, 2N5686

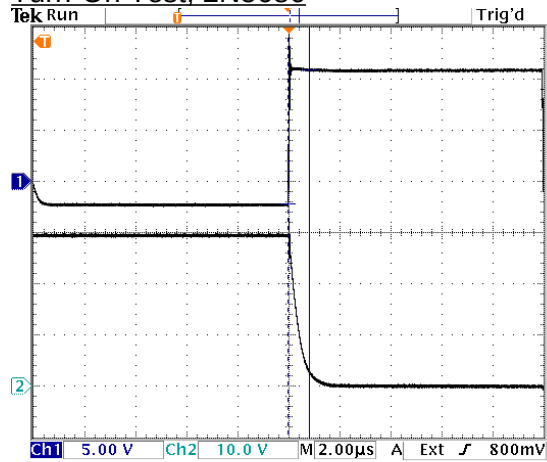


Δ : 3.84 V
 $@$: -1.52 V
 Δ : 960ns
 $@$: 21.1μs

3 Oct 2013
10:41:28

See page 28 of the manual for a discussion of this waveform.

Turn-On Test, 2N5686

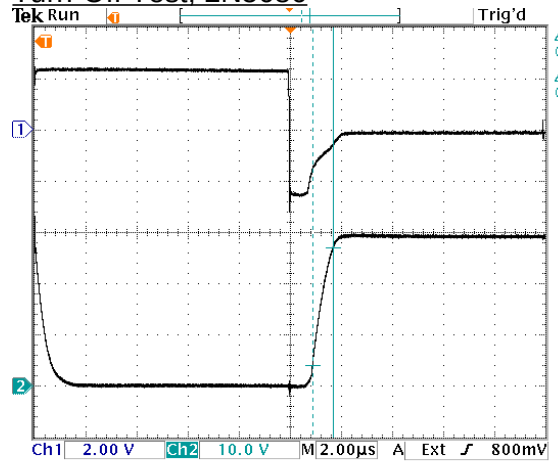


Δ : 13.1 V
 $@$: 10.9 V
 Δ : 840ns
 $@$: 10.9μs

3 Oct 2013
10:47:39

See page 27 of the manual for a discussion of this waveform.

Turn-Off Test, 2N5686



Δ : 23.0 V
 $@$: 27.0 V
 Δ : 800ns
 $@$: 21.8μs

3 Oct 2013
10:42:37

See page 28 of the manual for a discussion of this waveform.