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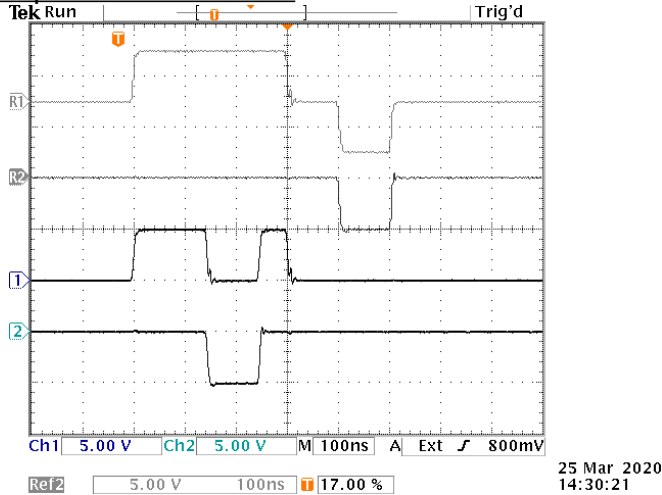
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BOX 5120, LCD MERIVALE
OTTAWA, CANADA K2C3H5

PERFORMANCE CHECKSHEET

Model: AV-1023-C-R5-ATA3
Type: General-Purpose Dual-Channel Pulse Generator
S.N.: 13966
Date: March 25, 2020

Complex Waveform Test



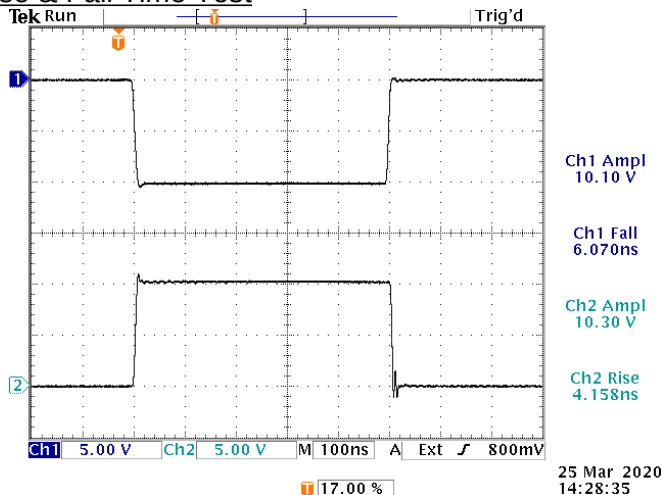
- a) Output Signal Amplitude: up to ±10V
b) Pulse Width (FWHM): 50 ns - 500 ms
c) Rise Time (20%-80%): < 10 ns
d) Fall Time (80%-20%): < 10 ns
e) PRF: 1 Hz - 10 MHz
f) Jitter, Stability: OK

Waveforms, Top to Bottom:

- 1) A+B, A has +5V amplitude, B has -5V ampl.
2) B
3) Same as 1, but with B delay reduced
4) Same as 2, but with B delay reduced

All: 5V/div, 100 ns/div. R_LOAD = 50Ω, Z_OUT = 50Ω

Rise & Fall Time Test



Top: OUT A, > -10V to 50Ω. 5 V/div, 100 ns/div.
Bottom: OUT B, > +10V to 50Ω. 5 V/div, 100 ns/div.