

P.O. BOX 265
OGDENSBURG, NY
U.S.A. 13669-0265

TEL: 888-670-8729 (USA & Canada) or +1-613-686-6675 (Intl)
FAX: 800-561-1970 (USA & Canada) or +1-613-686-6679 (Intl)

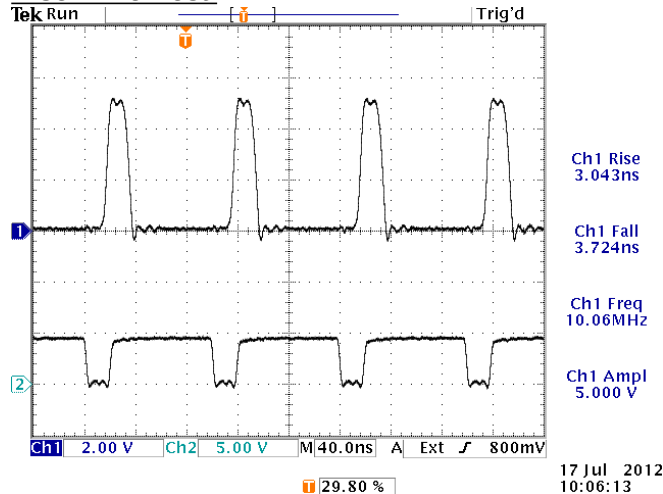
BOX 5120, LCD MERIVALE
OTTAWA, ONTARIO
CANADA K2C 3H4

info@avtechpulse.com - http://www.avtechpulse.com/

PERFORMANCE CHECKSHEET

Model: AV-1000-C-R5
Type: General-Purpose Pulse Generator
S.N.: 12888
Date: July 17, 2012

Rise Time Test:



Top: +5V into 50Ω, 10 MHz, 2 V/div, 40 ns/div.
Bottom: NOT TTL OUT, 5 V/div, 40 ns/div.

a) Output Signal Amplitude: 0 to ±10V, plus TTL and ECL outputs.

b) DC Offset: 0 to ±10V

c) Pulse Width (FWHM): 10 ns - 1 s

d) Rise Time (20%-80%): 5 ns - 1 ms

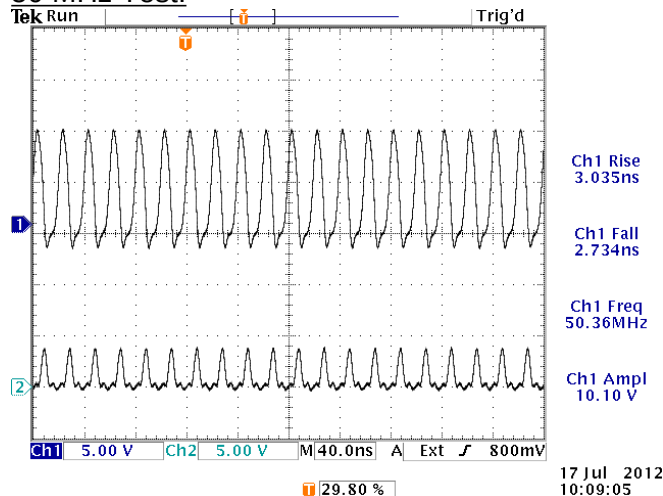
e) Fall Time (80%-20%): 5 ns - 1 ms

f) PRF: 1 Hz - 50 MHz

g) Jitter, Stability: OK

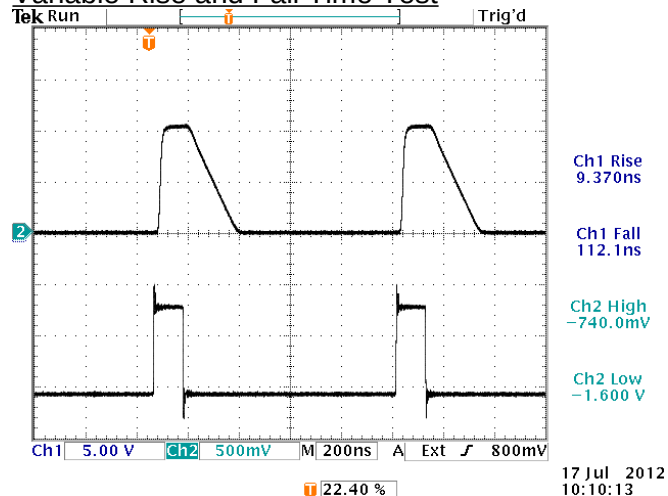
h) Prime Power: 100-240V AC, 50-60 Hz.

50 MHz Test:



Top: +10V into 50Ω, 5 V/div, 40 ns/div.
Bottom: TTL OUT, 5 V/div, 40 ns/div.

Variable Rise and Fall Time Test



Top: +10V into 50Ω, 5 V/div, 200 ns/div.
Bottom: ECL OUT, 0.5 V/div, 200 ns/div.

References levels: 20%, 80%.