

PULSE GENERATOR

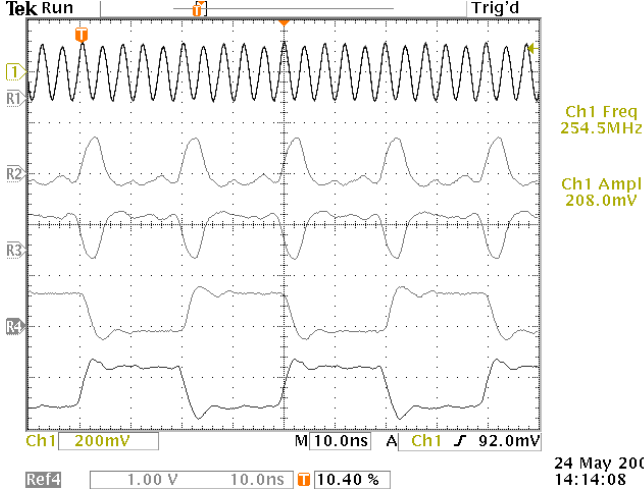
PERFORMANCE CHECK

Model: AVX-FD3-PS-DECL-EP-IP

S.N.: 10234

Date: May 27, 2002

Maximum Frequency Test:



From Top to Bottom:

Waveform #1: 250 MHz, 200 mV input, "AC" input mode	200 mV/div, 10 ns/div
Waveform #2: ECL OUT 1, non-inverted, for N = 5	1 V/div, 10 ns/div
Waveform #3: ECL OUT 1, inverted, for N = 5	1 V/div, 10 ns/div
Waveform #4: ECL OUT 2, non-inverted, for N = 5	1 V/div, 10 ns/div
Waveform #5: ECL OUT 2, inverted, for N = 5	1 V/div, 10 ns/div

a) Output Signal Amplitude: ECL to 50Ω to ground, or 50Ω to -2V.

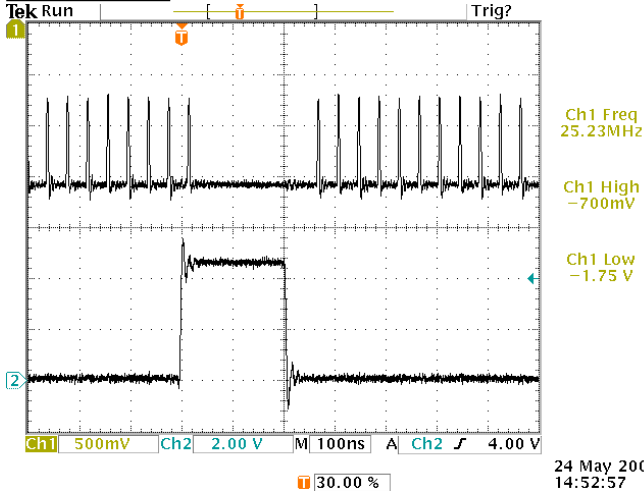
b) Division factor: 0 to 65535

c) PRF: 0 - 250 MHz

d) Jitter, Stability: OK

e) Prime Power: 120/240V AC, 50-60 Hz,

Reset Test:



Top: ECL OUT 1 non-inverted, N=10, $f_{IN}=250\text{MHz}$, 50Ω load. 0.5V/div, 100 ns/div.
Bottom: RESET input, TTL. 2V/div, 100 ns/div.