

Picosecond Pulse Labs 10050

$U_{Out} = 10V_{ss}$, Blocking capacitor, Attenuator: $3 \cdot 20dB = 60dB$

Repetition Rate = 100kHz, Trigger Delay = 0ns

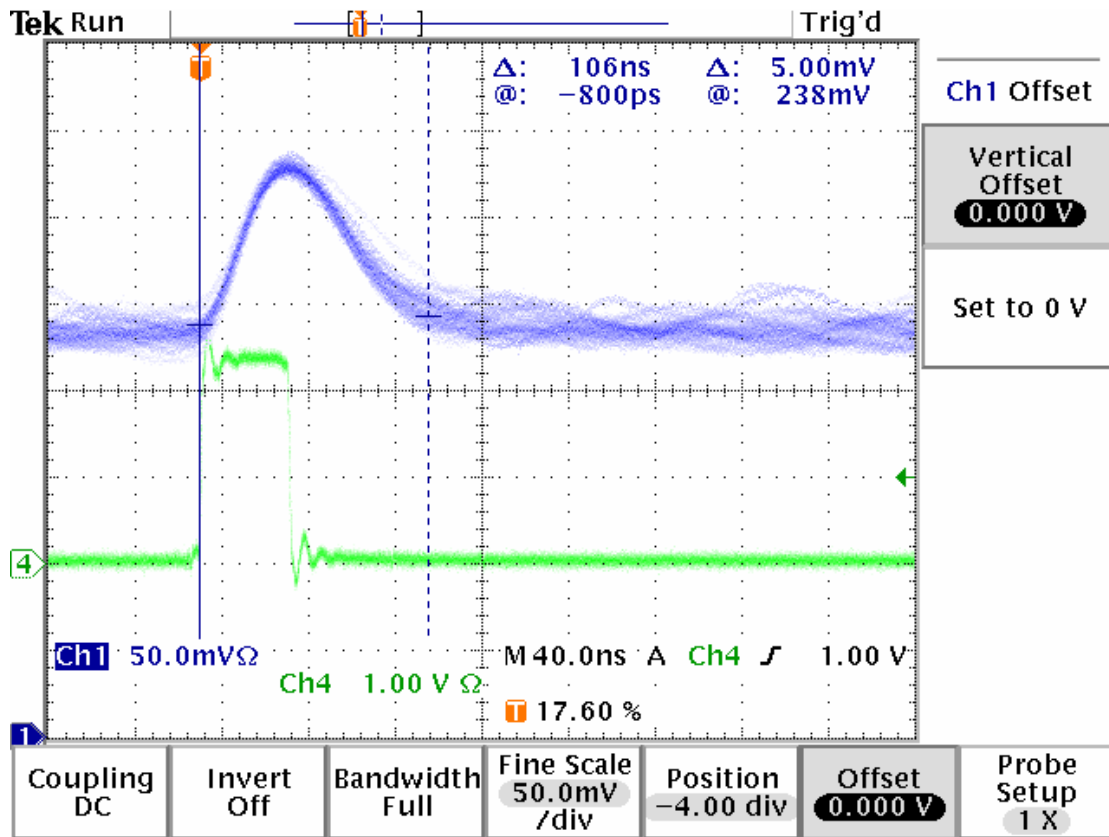
U_{Out} at PED01 = 10mVss

Green: Trigger Signal

Blue : PED-Output Signal

Additional input element: 'optimized' (Schalkau Drehko)integrator capacitor 5...10pF parallel to input

Pulse length = 10ns



Picosecond Pulse Labs 10050

$U_{Out} = 10V_{ss}$, Blocking capacitor, Attenuator: $3 \cdot 20dB = 60dB$

Repetition Rate = 100kHz, Trigger Delay = 0ns

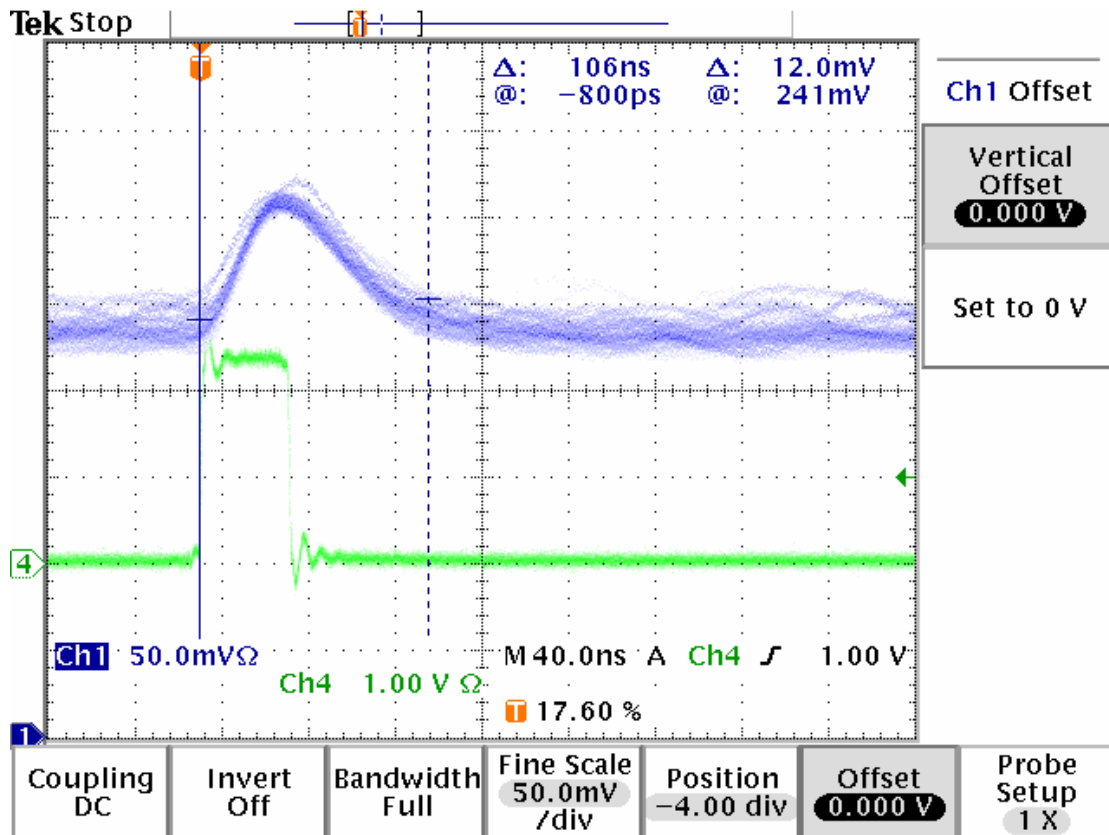
U_{Out} at PED01 = 10mV_{ss}

Green: Trigger Signal

Blue : PED-Output Signal

Additional input element: 'optimized' (Schalkau Drehko)integrator capacitor 5...10pF parallel to input

Pulse length = 1ns



Picosecond Pulse Labs 10050

$U_{Out} = 10V_{ss}$, Blocking capacitor, Attenuator: $3 \times 20dB = 60dB$

Repetition Rate = 100kHz, Trigger Delay = 0ns

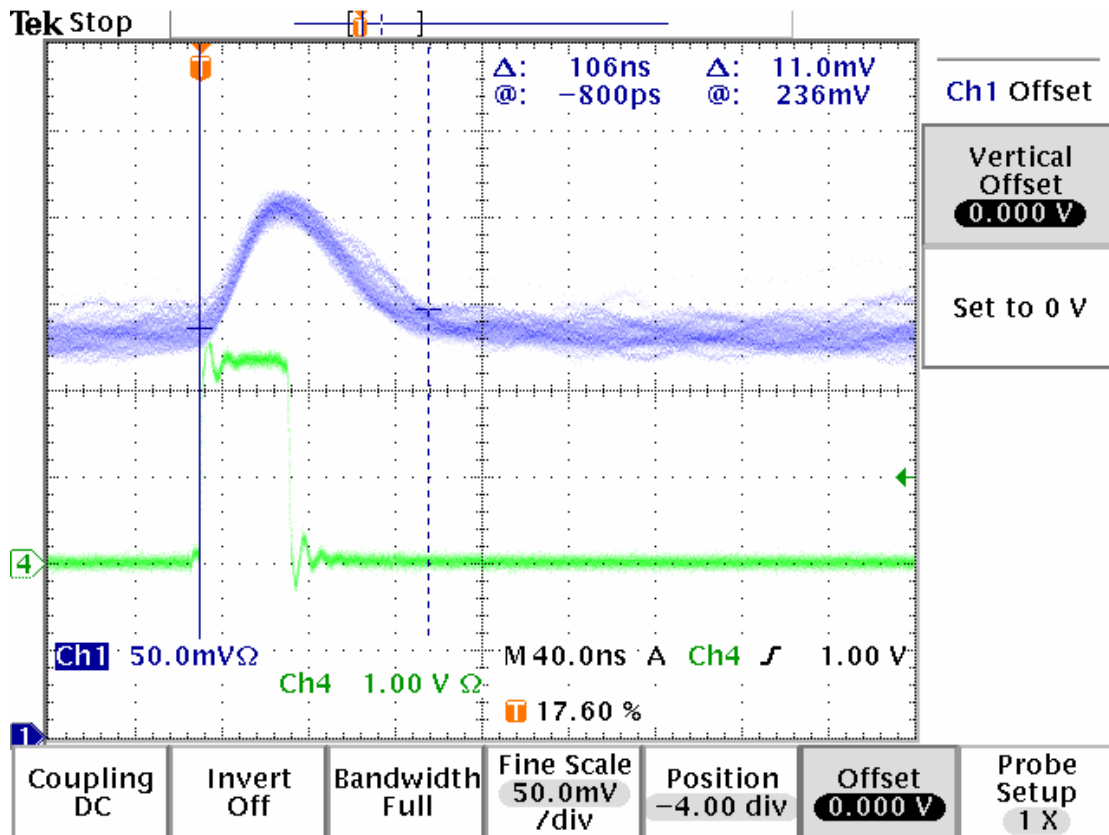
U_{Out} at PED01 = 10mV_{ss}

Green: Trigger Signal

Blue : PED-Output Signal

Additional input element: 'optimized' (Schalkau Drehko)integrator capacitor 5...10pF parallel to input

Pulse length = 0.5ns



Picosecond Pulse Labs 10050

$U_{Out} = 10V_{ss}$, Blocking capacitor, Attenuator: $3 \cdot 20dB = 60dB$

Repetition Rate = 100kHz, Trigger Delay = 0ns

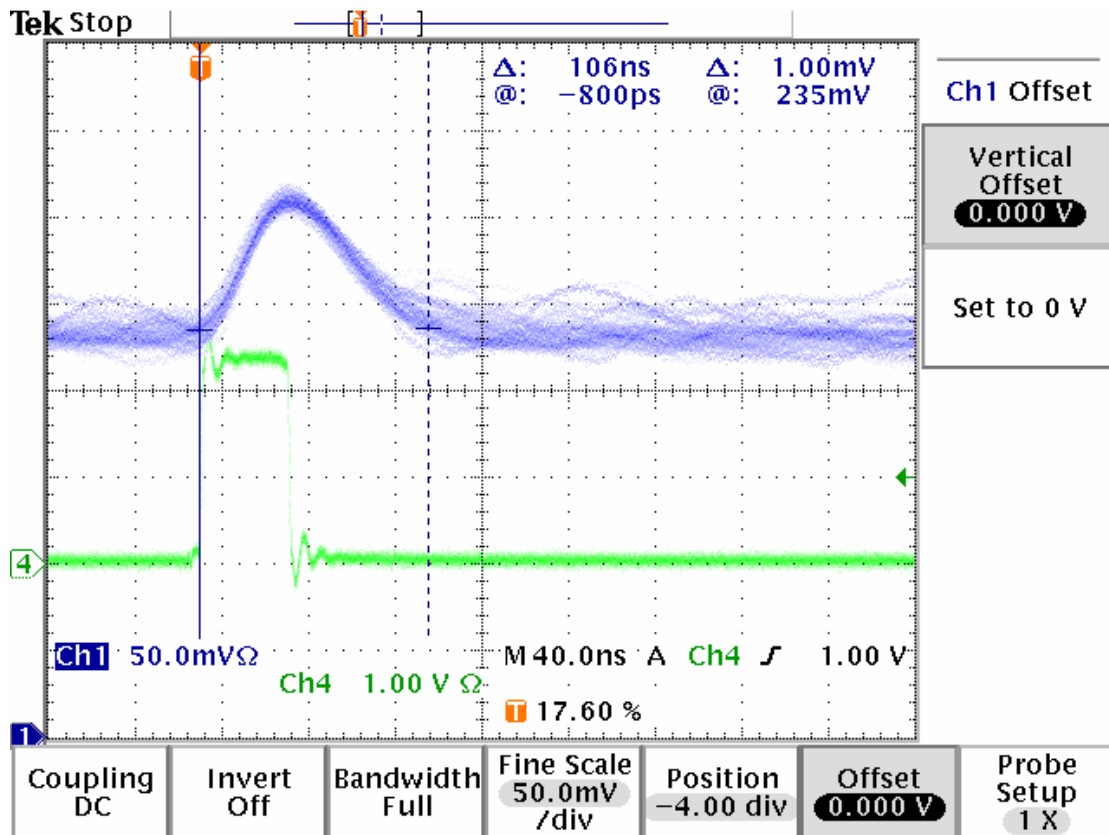
U_{Out} at PED01 = 10mV_{ss}

Green: Trigger Signal

Blue : PED-Output Signal

Additional input element: 'optimized' (Schalkau Drehko)integrator capacitor 5...10pF parallel to input

Pulse length = 0.3ns



Picosecond Pulse Labs 10050

U_{Out} = 10V_{ss}, Blocking capacitor, Attenuator: 3*20dB = 60dB

Repetition Rate = 100kHz, Trigger Delay = 0ns

U_{Out} at PED01 = 10mV_{ss}

Green: Trigger Signal

Blue : PED-Output Signal

Additional input element: 'optimized' (Schalkau Drehko) integrator capacitor 5...10pF parallel to input

Pulse length = 0.1ns