

# ICI I900 L-EFT

Pulse Current Source (FBBI)



## Short description

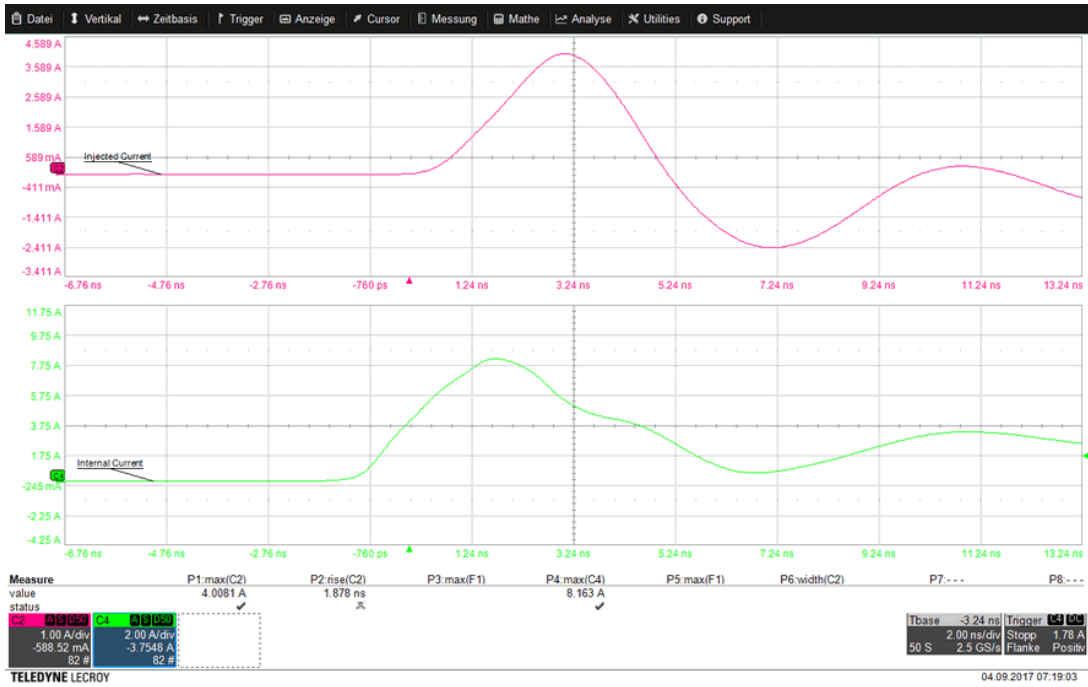
The ICI I900 L-EFT pulse current source couples fast transient pulses into a test IC (Forward body biased injection). This source allows for side channel analysis or testing the immunity of individual areas of the IC.

typ. - Refer to parameter sheet

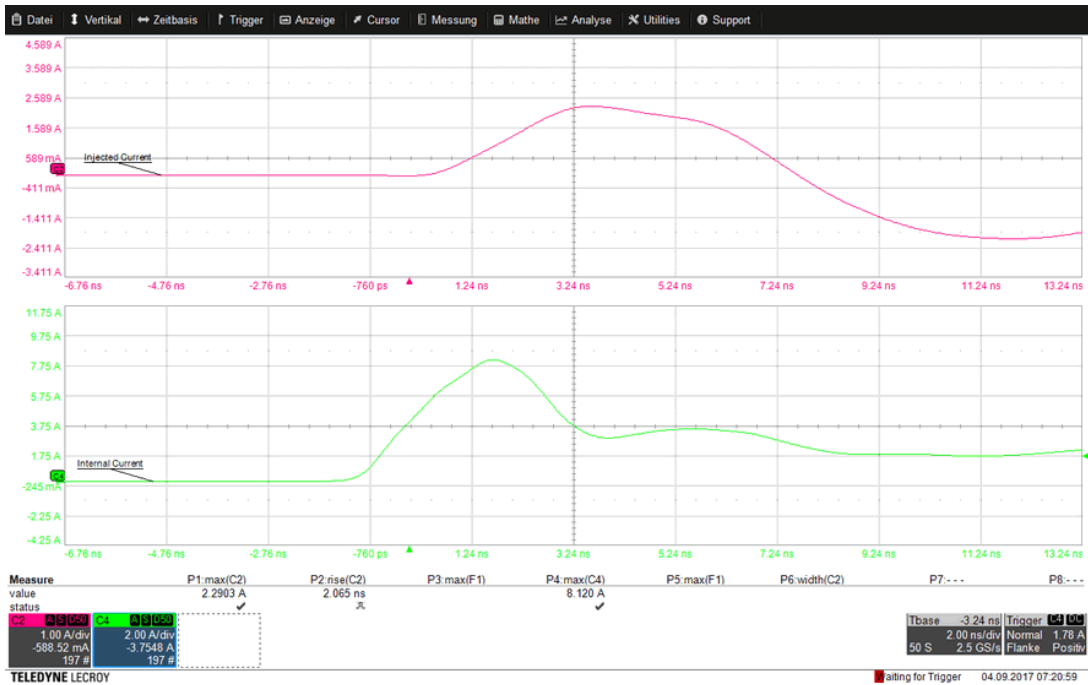
## Technical parameters

<b>Probe head</b>	Spring Pin
<b>Max. current (1 <math>\Omega</math> load)</b>	4 A
<b>Pulse parameter</b>	
Rise time	< 2 ns
Repetition frequency	0.1 Hz - 20 kHz
Polarity (set by software)	+ / - / alternating
<b>Measuring output</b>	50 $\Omega$
<b>Trigger-pulse delay (Bypass Mode - Delay Line)</b>	
min. Trigger-pulse delay (typ.)	70 ns
max. Trigger-pulse delay (typ.)	420 ns
max. Jitter (typ.)	$\pm$ 1 ns
<b>Supply voltage</b>	BPS 202
<b>Weight</b>	70 g
<b>Sizes (L x W x H)</b>	(26 x 43 x 53) mm

Pulse shape (maximum intensity)



Pulse shape (minimum intensity)



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## Application of ICI I900 L-EFT Pulse Current Source

