ICI I900 L-EFT

Pulse Current Source (FBBI)

Short description

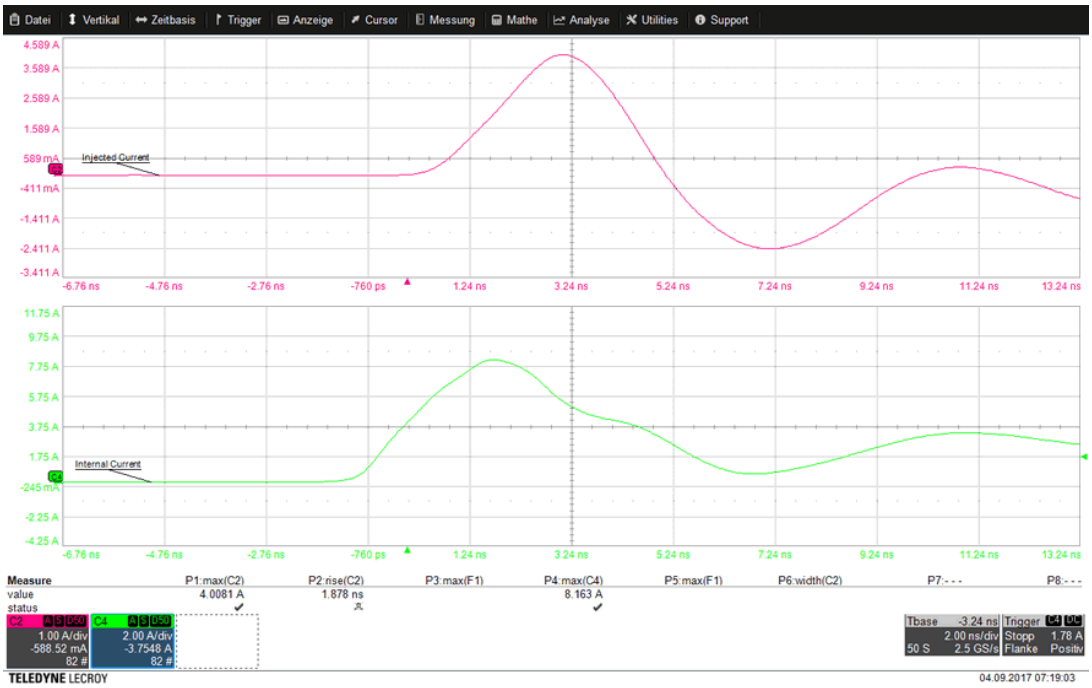
The ICI I900 L-EFT pulse current source couples fast transient pulses into a test IC (Forward body biased injection). This source allows for side channel analysis or testing the immunity of individual areas of the IC.

typ. - Refer to parameter sheet

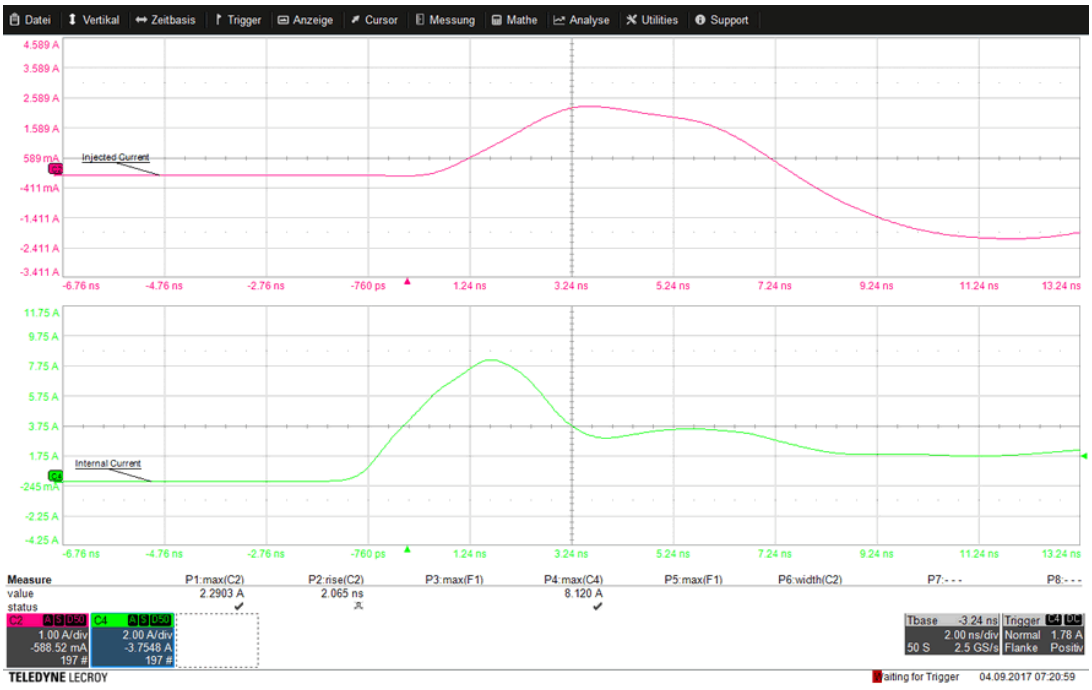
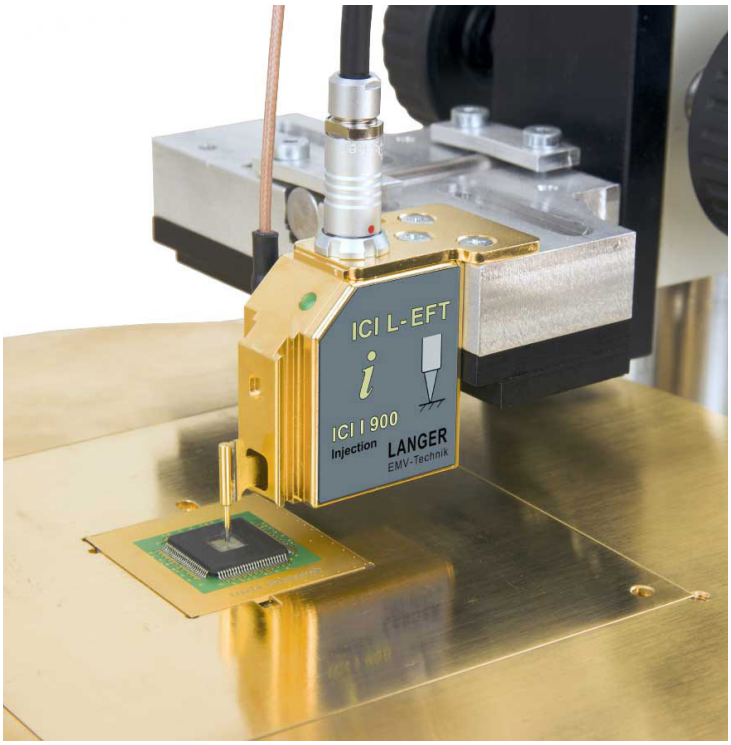
Technical parameters

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

Pulse shape (maximum intensity)



Pulse shape (minimum intensity)



Application of ICI I900 L-EFT Pulse Current Source