

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

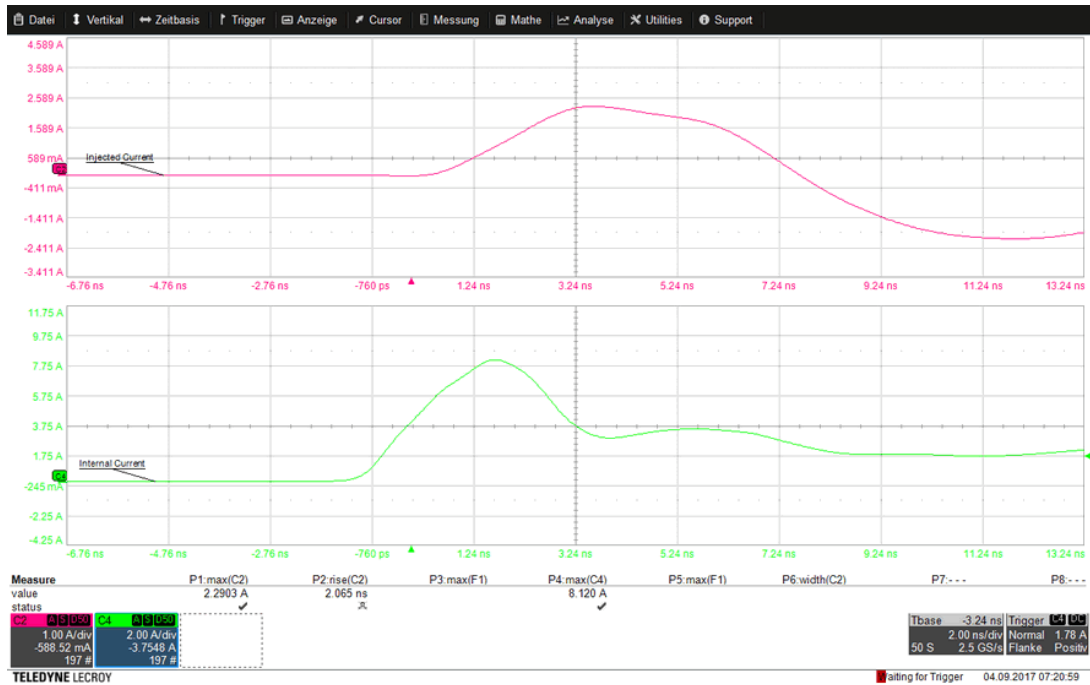
Technical parameters

| | |
|---|---------------------|
| 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.) | \pm 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)



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Application of ICI I900 L-EFT Pulse Current Source

