

ICI HH500-15 L-EFT set

Pulse Magnetic Field Source set



Short description

The ICI HH500-15 L-EFT set contains a pulse magnetic field source, which couples fast transient magnetic field pulses into test ICs.

With this set electromagnetic fault injection (EMFI) attacks can be performed. In addition, the immunity of individual areas of a test IC can be investigated.

Scope of delivery

- 1x ICI HH500-15 L-EFT, Pulse Magnetic Field Source
- 1x BPS 202, Burst Power Station
- 1x BPS 202-Client, BPS 202-Client Software / USB
- 1x NT Ex EU, Power Supply Unit
- 1x ICI 01 L-EFT acc, Accessories
- 1x ICI case, System Case
- 1x ICI m, ICI Set User Manual

Technical parameters

Pulse parameter	
Rise time	< 2 ns
Repetition frequency	0.1 Hz - 20 kHz
Polarity (set by software)	+ / - / alternating
Trigger-pulse delay (Bypass Mode - Delay Line)	
min. Trigger-pulse delay (typ.)	100 ns (probe-specific)
max. Trigger-pulse delay (typ.)	450 ns
max. Jitter (typ.)	± 1 ns
Supply voltage	BPS 202
Software	BPS 202-Client / DLL (32 Bit / 64 Bit) Win XP SP3 or higher

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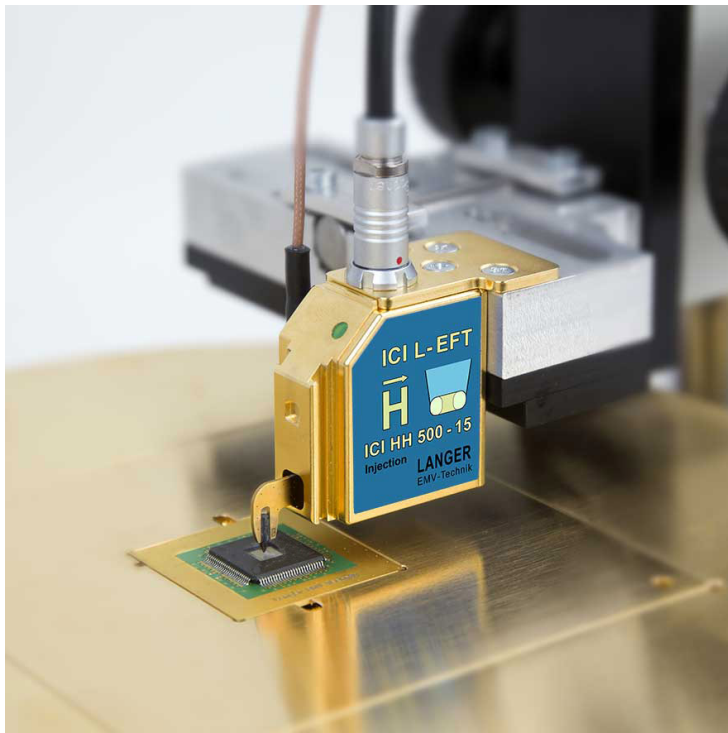
Pulse Magnetic Field Source set

LANGER
EMV-Technik

Contents of the case ICI HH500-15 L-EFT-set



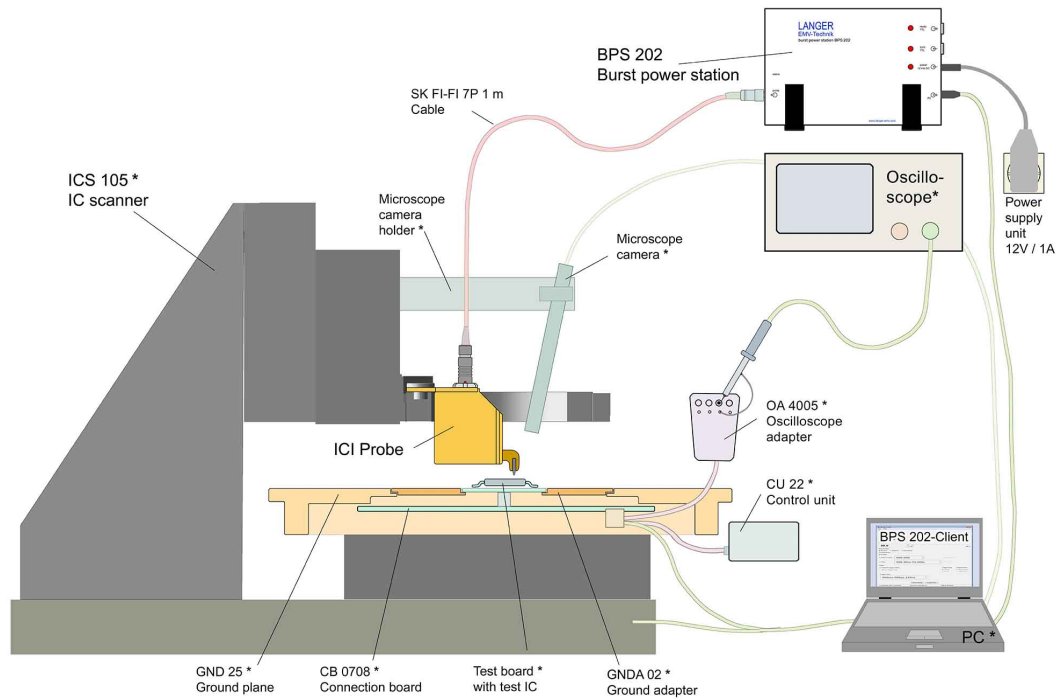
Application of ICI HH500-15 L-EFT pulse magnetic field source



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Pulse Magnetic Field Source set

Schematic set-up with mover



Schema of measurement set-up

