

P1202 L-ESD

ESD Magnetic Field Source Langer Pulse 0.2/2.5 ns



Short description

The P1202 field source generates a ESD magnetic field and is designed for a defined and reproducible field coupling into ICs. The P1202 generates a pulse shaped magnetic field with an edges steepness of approx. 200ps for reproducing high frequency ESD transient responses. The probe can only be operated in combination with the BPS 203 burst power station.

The BPS 203 provides high voltage and the control signals for the probe. The operation is managed via a PC operating surface.

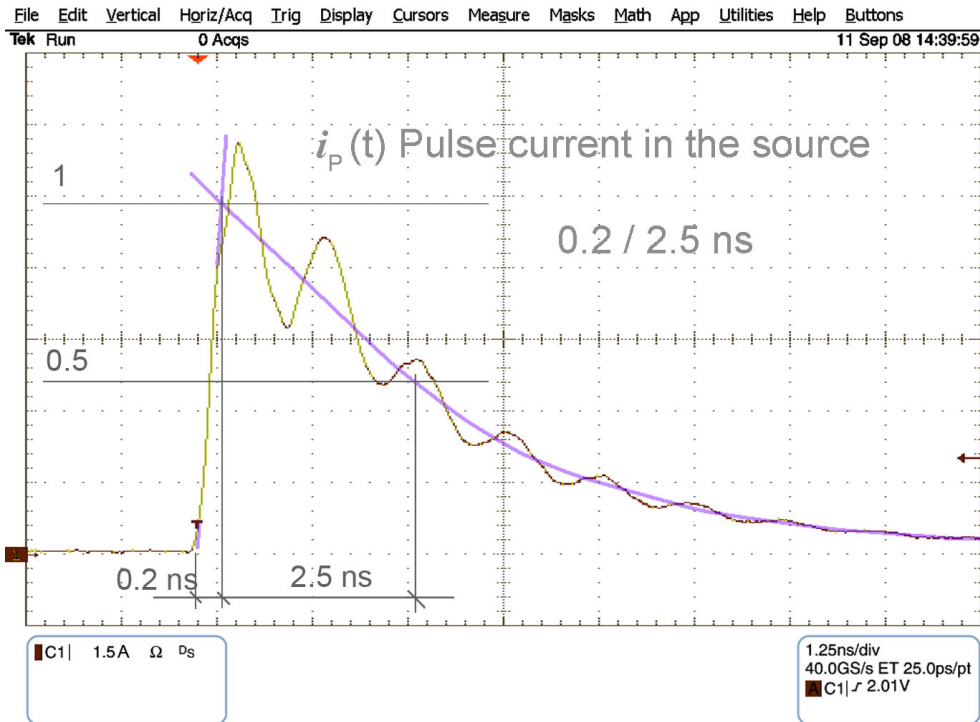
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Technical parameters

Generated magnetic flux density B (h=10mm)	$U_{GEN} \cdot 0.27 \cdot 10E-6 \text{ Vs/m}^2$
Pulse parameter	
Max. current	$\pm 150 \text{ A}$
Shape	0.2 / 2.5 ns
Frequency	0.1 Hz - 10 Hz
Voltage	$\pm (0.1 - 6) \text{ kV}$
Ammeter /current probe	
Measurement output	50 Ω , SMB
Shunt	0.1 Ω
Current correction factor R	-26 dB Ω
Connector - input	50 Ω Fischer (D103A023)
Sizes (L x W x H)	(180 x 96 x 96) mm

Pulse current characteristic



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Design, view 1

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