

# P1202-4 50R

EFT/猝发磁场源



## Short description

EFT/猝发磁场源用于测定集成电路对磁EFT-脉冲场耦合的抗干扰性。它可以360°旋转，并且能够识别集成电路中的敏感回路以及通过集成电路引脚导出的导体回路。该场源内部有50Ω的终端阻抗。

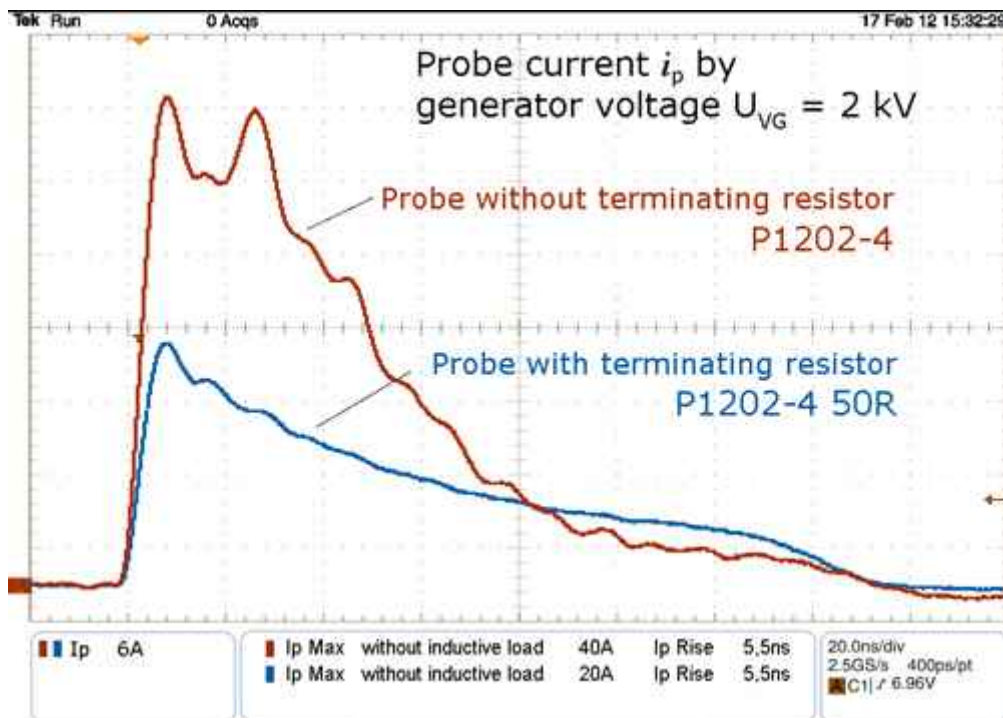
The P1202-4 50R field source is powered by an EFT/Burst generator (IEC 61000-4-4). With its terminating resistance it synchronizes with the EFT/Burst generator. Therefore, an ideal EFT/Burst current pulse is generated. In the conductor of the field source without an internal terminating resistor, the current is twice that of the field source with an internal terminating resistor (P1202-4).

The P1202-4 50R field source is arranged in a defined distance above the IC with the help of a spacer ring. It has two connections. A Fischer socket (D103A023) for the connection to the EFT/Burst generator and a SMB measurement output for the connection of an oscilloscope for monitoring the EFT voltage. Delivery includes the HV FI-FI 1m RF cable (Fischer connector-Fischer connector). On request, the RF cable with the connections Fischer socket-SHV socket (HV FI-SHV 1m) can be ordered.

Technical parameters

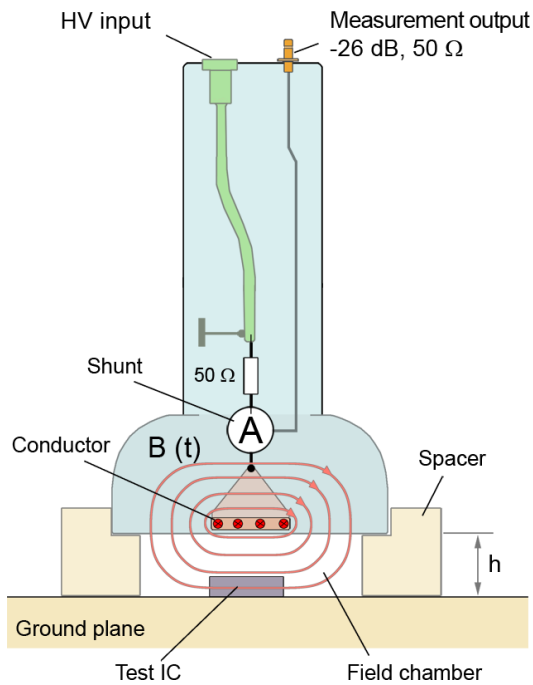
输入电阻	50 Ω
脉冲参数	
形状	5 / 50 ns
电压	max ±8 kV
电流表	
测量输出	50 Ω, SMB
分流器	0.1 Ω
电流修正系数 R	-26 dBΩ
输入接口	50 Ω Fischer (D103A023)
尺寸 (L x W x H)	(180 x 96 x 96) mm

脉冲形状 (实测)



安装视图 01

P1202-4 50R EFT/burst H-field source



安装视图 02

