

P1302-4

EFT/猝发电场源



Short description

P1302-4型EFT/猝发电场源用于测定集成电路对电EFT-脉冲场耦合的抗干扰性。它工作在空载状态，并且没有内部终端。

The P1302-4 field source is powered by an EFT/Burst generator (IEC 61000-4-4). It does not synchronize with the EFT/Burst generator. Therefore, reflection processes result in the voltage curve. Such reflection processes occur during practical device testings according to the standard IEC 61000-4-4 and are reproduced by P1302-4. At the field source electrode without an internal terminating resistor, the voltage is twice that of the field source with an internal terminating resistor (P1302-4 50R).

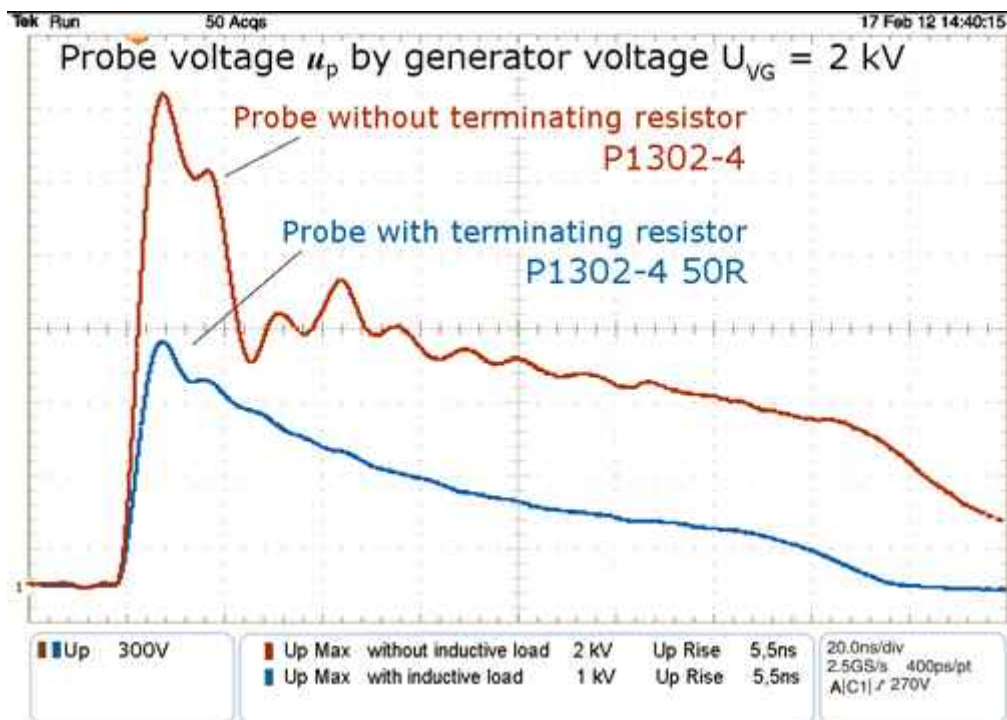
The P1302-4 field source is arranged at a defined distance above the IC with the help of a spacer ring.

It has two connections. A Fischer socket (D103A023) for the connection to an 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

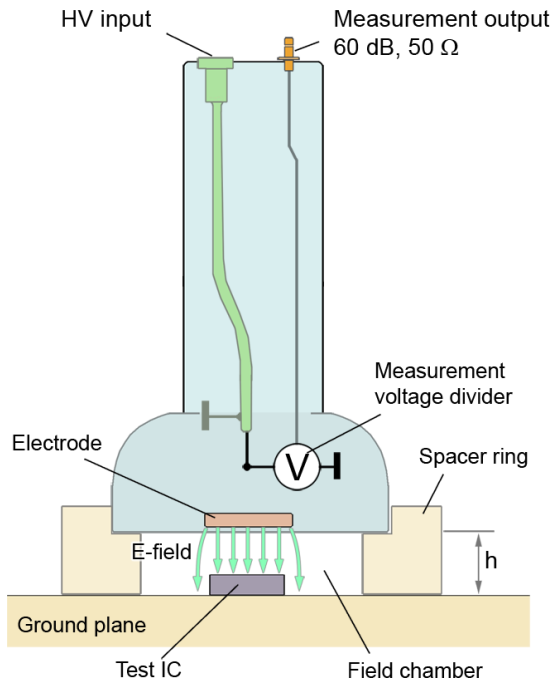
脉冲参数	
形状	5 / 50 ns
电压	max ±8 kV
电压表	
电压修正系数	60 dB
测量输出	50 Ω, SMB
输入接口	50 Ω Fischer (D103A023)
尺寸 (L x W x H)	(180 x 96 x 96) mm

脉冲形状 (实测)



安装视图 01

P1302-4 EFT/burst E-field source



安装视图 02

