

P302 L-EFT

Langer EFT 电压发生器 (~500V) SMA



Short description

P301 L-EFT型电压发生器用于耦合受测集成电路导线中的脉冲电压。与IEC 61000-4-2/IEC61000-4-4标准检测相仿，它再现了IC输入端出现的衰减的干扰电压脉冲。在检测时，这些干扰电压脉冲是由电场生成的。

When an electrical disturbance field couples into the traces of a test IC, the disturbance voltage of the connected impedances will drop. This voltage drop occurs at the IC pins can lead to functional interferences. This coupling mechanism can be simulated by a high-impedance pulse-voltage source, such as the P302 generator ($\approx 150 \Omega$). The pulse voltage is adjustable within the range of $\pm (5 - 500) \text{ V}$. The L-EFT generator is operated with the BPS 202 and the BPS 202-Client software. To test ICs at the measuring station the ICE1 test environment is required. For automated testing the ICE1 as well as the ICT1 IC tester is required. Additional equipment may be needed for other measurements (Oscilloscope, PC).

Technical parameters

内阻	$\approx 150 \Omega$
耦合电容的容量	20 pF
脉冲参数	
形状	1.5 / 20 ns
频率	0.1 Hz - 10 kHz
电压	$\pm (5 - 500) \text{ V}$
电感	50 nH
尺寸 (L x W x H)	(78 x 35 x 31) mm