

P12

迷你型磁场脉冲发生器 (B)



Short description

P12迷你型磁场脉冲发生器按照耦合钳原理产生一个干扰磁场，这样就可以将干扰电流耦合注入到单个导线、IC引脚、SMD器件和细导线（扁形电缆）。测试时可以把P12发生器放置在受测设备上。

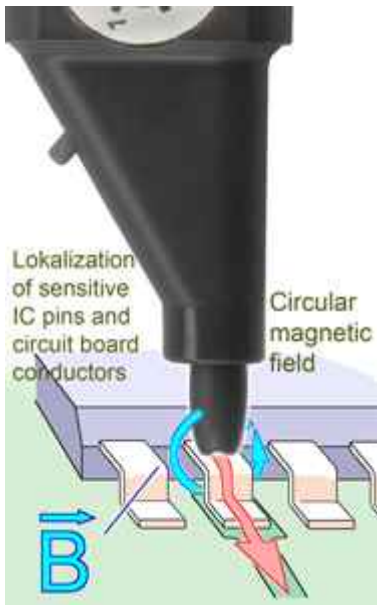
An assembly (device under test) often has a majority of less-sensitive and insensitive signal connections (conducting paths, IC pins). The sensitive signal connections can be easily detected by the mini burst generator and protected through appropriate layout changes. Conventional generators and test stations can be used to determine whether a device complies with the standard noise immunity required by law. However, weak spots on an assembly can not be precisely located. Detailed information about their location, susceptibility and type of action (E-field or B field susceptibility) are required to easily and efficiently locate them on the printed circuit board and eliminate them. Mini burst field generators are handy and can be used at the developer's own workspace.

Technical parameters

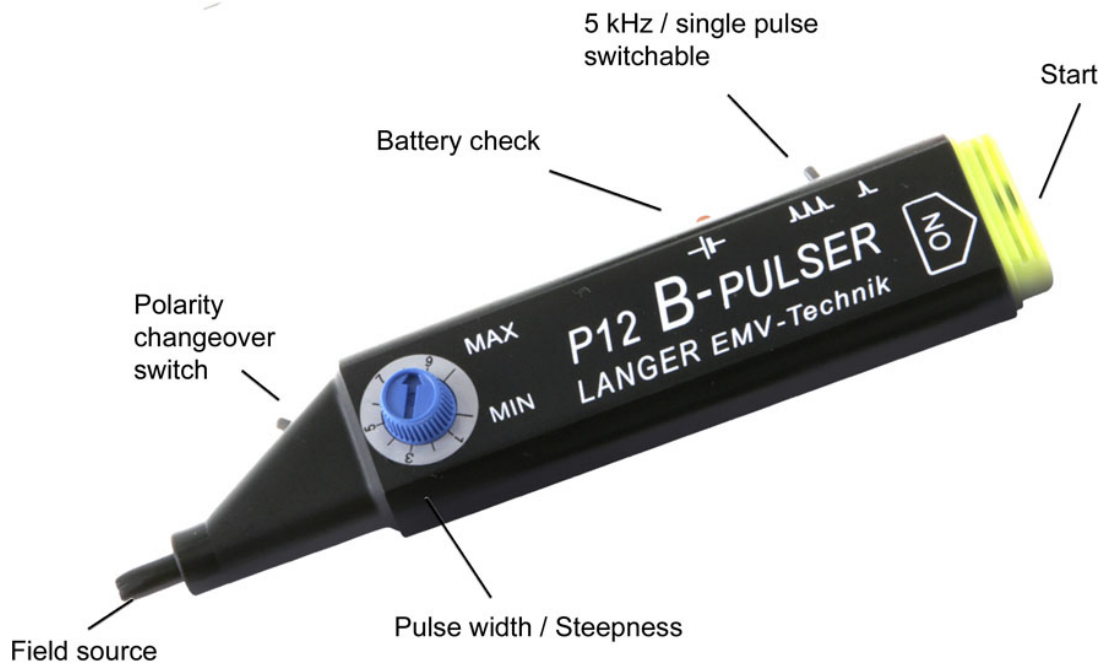
生成的磁场磁感应强度	ca. 1 mT
脉冲参数	
脉冲宽度	2 ns ... 8 ns
频率	single / 5 kHz
极性	switchable
电源电压	1.5 V / AAA
重量	30 g
尺寸 (L x W x H)	(118 x 24 x 13) mm

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Design of P12 mini burst field generator



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Application with P12

