Solar Pulse Generator

What are the applications of pulse generator?

The applications of these generators are in the education field,electrical &electronic device repair,etc The pulse generator is used to generate the waveforms in the pulse form. The pulse generated by this generator includes variable delays,variable rise as well as fall times.

What is a single pulse generator?

These circuits must be provided with a timing or clock signal to make them function sequentially. This type of Single Pulse Generator circuit is known as a Multivibrator. Multivibrators are available in three types like astable, monostable, and bistable.

What is a transient pulse generator?

The Solar Model 8282-1 Transient Pulse Generator provides up to 600 V peak amplitude for each of the 0.15, 5.0 and 10.0 µS spikes. The output voltage rises steeply to peak amplitude as adjusted by the panel control, then falls exponentially to cross through zero at the duration of 0.15, 5.0, or 10.0 µS as selected by pushbuttons.

What is a solar 9354-1 transient generator?

The Solar 9354-1 Transient Generator was especially designed for the performance of a variety of pulse susceptibility testson subsystems and/or equipment,in accordance with MIL-STD-461G,method CS116; RTCA DO160D,section 22; MIL-STD-461G.

The Solar Model 7399-3 Spike Generator is capable of providing high energy spikes with amplitudes adjustable up to 2500 V peak into low impedance loads, as required in MIL-STD-1399, Section 300B. The shape of ...

The Solar 8282-1 Transient Pulse Generator provides up to 600 volts peak amplitude for each of the 0.15, 5.0 and 10.0 µS spikes. The output voltage rises steeply to peak amplitude as adjusted by the panel control, then falls ...

The Solar 8282-1 Transient Pulse Generator was designed for screen room use in making conducted spike susceptibility tests. It provides all the wave shapes required by MIL-STD-461B/C and many other military EMI specifications. Rent ...

A single pulse can be injected with the aid of a panel-mounted pushbutton. All functions are selected by pushbuttons which are lighted when activated. The Solar Model 8282-1 Transient ...

Included Smartkey allows you to sync your generator to the nature"s pulse app by connecting the SmartKey to your Nature"s Generator you"ll be able to track system usage and performance ...

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The Solar 9354-1 Universal Transient Generator offers nine waveforms, including sinusoidal and double exponential pulses, for a range of pulse susceptibility tests in compliance with standards like MIL-STD-461G CS116 (damped sinusoidal ...

Solar generators are highlighted as being resistant to EMPs due to their lack of solid-state electronic controls. However, they may still be affected to some extent, losing a large degree of functionality but remaining ...

The Model 9354-1 and 9354-2 Transient Generators provide nine selectable waveforms, including six damped sinusoidal pulses (10 kHz, 100 kHz, 1 MHz, 10 MHz, 30 MHz, and 100 MHz) and three double exponential pulses (6.4 µS, 70 ...

The Solar 8282-1 Transient Pulse Generator incorporates all the flexibility and technical excellence of the previous models and provides features required by specification MIL-STD-461B/C. The Model 8282-1 provides up to 600 volts ...

A single pulse can be injected with the aid of a panel-mounted pushbutton. All functions are selected by pushbuttons which are lighted when activated. The Solar Model 8282-1 Transient Pulse Generator provides up to 600 V peak ...

The Solar 9355-1 is a pulse generator which uses a charged transmission line of 50 O to generate a pulse with less than 2 nS rise and fall time and a duration of 35 nS. This model features an adjustable charged line and repetition rate.

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