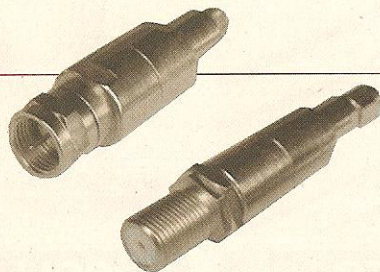


Pushbutton Switches

Omron Automation and Safety (Hoffman Estates, IL) has introduced the A22N Series of pushbutton switches to offer machine designers and panel builders a greater variety of 22 mm diameter pushbuttons, selector switches, and pilot lights. Features include:

- The ability to connect up to 3 contact blocks in 1 stage for multistage expansion.
- A variety of shapes, button colors, and bezel options.
- Mounting contact blocks.
- A screw terminal structure compatible with round-crimp terminals.
- A standard feature degree of protection: IP66, NEMA 4X, and NEMA 13.

www.omron247.com



50 to 75 Ω Impedance Matching Pads

BroadWave Technologies (Greenwood, IN) has announced the models 851-879-FM3 and 851-879-MF3, which are 50 to 75 Ω impedance matching pads that operate DC to 3 GHz. The RF connector configurations for both models are 50 Ω SMA (male or female) to 75 Ω F (male or female). Features include:

- An insertion loss of 5.7 dB nominal.
- A VSWR of 1.50:1 maximum.
- Passive elements used to manufacture resistive matching pads.

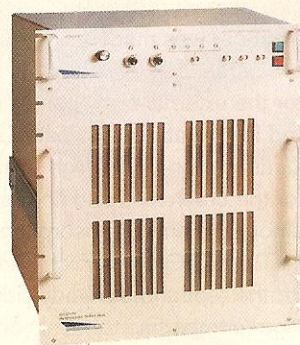
www.broadwavetechnologies.com

High Voltage Pulse Modulator

Diversified Technologies (Bedford, MA) has announced a solid-state high voltage pulse modulator suitable for a range of applications including plasma processes, PEF (pulsed electric fields), ion implantation, and driving RF tubes. The PowerMod HVPM Series Solid-State Modulator delivers 99% efficiency. Features include:

- The ability to control pulses from 1 to 30 kV.
- 1 μ S to mS pulses.
- Up to 30 kHz nominal pulse frequency.
- Currents to 500 A.
- Power by 110 VAC.
- 19" rack mountable.

www.divtecs.com



Time-of-Flight Signal Processing IC

Intersil (Milpitas, CA) has introduced the ISL29501 time-of-flight (ToF) signal processing IC that provides a complete object detection and distance measurement solution when combined with an external emitter (LED or laser) and photodiode. Features include:

- An on-chip DSP.
- A modulation frequency of 4.5 MHz.
- An on-chip emitter DAC with programmable current up to 255 mA.
- Operation in single shot mode or continuous mode.
- On-chip active ambient light rejection.
- Programmable distance zones.
- An interrupt controller.
- An automatic gain control, which sets optimum analog signal levels.
- A supply voltage range from 2.7 to 3.3 V.
- An I2C interface, which supports 1.8 and 3.3 V bus.

www.intersil.com

