

High Speed Solid-State Switches

for mission-critical applications



- Designed for Industrial & Military Applications
- Broadband Frequency Coverage to 70 GHz
- Low Insertion Loss, High Isolation & Fast Switching Speed,
- SPST-SP128T Designs, Reflective or Absorptive
- Connectorized or Surface Mount
- Form, Fit, Function & Custom Package Designs
- Hermetic Sealing
- Military or Aerospace Screening
- ROHS and COTS availability!

PMI offers a large portfolio of RF and Microwave Solid State Switches and Switch Matrices that range from DC to 70 GHz.



Featured Products	PIT-DC52G-65-T-24FM	P2T-100M56G-100-T	P8T-100M54G-90-T-RD	P16T-100M52G-100-T-DEC
	SPST Absorptive Pin Diode Switch	Absorptive, SP2T Pin Diode Switch	Absorptive, SP8T Pin Diode Switch	Absorptive, SP16T Pin Diode Switch
Frequency Range	DC-52 GHz	DC-56 GHz	DC-54 GHz	DC-52 GHz
Insertion Loss (Typ)	8 dB @ 50 GHz	6 dB	9 dB @ 40 GHz	12.5 dB @ 40 GHz
Isolation (Typ)	55 dB @ 50 GHz	100 dB @ 18 GHz	90 dB @ 40 GHz	80 dB @ 40 GHz
Switching Speed (Typ)	15 ns	50 ns	50 ns	100 ns
Power Supply	+8 to +15 V @ 15 mA Max -8 to -15 V @ 40 mA Max	+5 V @ 100 mA -5 V @ 100 mA	+5 V @ 400 mA -5 V @ 300 mA	+5 V @ 1100 mA -12 V @ 720 mA
Configuration	SPST, Absorptive	SP2T, Absorptive	SP8T, Absorptive	SP16T, Absorptive
Dimensions (inches)	1.2" x 1.3" x 0.5"	1.0" x 0.75" x 0.4"	1.6" x 1.68" x 0.4"	8.0" x 3.0" x 0.77"
Connectors	2.4mm (F/M)	2.4mm (F)	2.4mm (F)	2.4mm (F)



Get a complete list of our solid state switch models and available options, download product features and other Switch Product technical data at pmi-rf.com

Or contact us at **1-877-752-6271** or sales@pmi-rf.com