

Microwave components

Labtech Microwave is a European based design and manufacturer with extensive and proven experience of producing high performance microwave components including DLVAs and amplifiers. Typically, our microwave components operate within the frequency range of 10MHz-40GHz, pin switches up to 26GHz and a range of custom active and passive components for multifunction sub-systems, which use discrete and MMIC designs. Labtech Microwave has a unique and comprehensive range of in-house high technology microwave PCB and thin film process capabilities for the development of superior quality microwave components. All of our components are manufactured in a purpose built class 10,000 clean room containing thin film processing, automated chip and wire assembly, microwave test and laser welding.



Microwave amplifiers

- Broadband 2-6GHz, 2-18GHz and 6-18GHz
- Narrowband LNAs
- Narrowband TWT driver amplifiers
- 2-18GHz gain modules
- Proven capability up to 40GHz

Pin diode switches

- 200MHz to 26GHz
- Single pole through to SP8T versions
- Broadband pin diode and GaAs MMIC versions

Custom active & passive components for multifunction subsystems

- Limiters, Oscillators and Multipliers
- Variable attenuators, phase shifters and filters
- Splitters, mixers and couplers

Detector log video amplifiers

- Standard and extended range
- 2-18GHz up to 80dB dynamic range
- CW immune options available
- Proven capability up to 40GHz
- Small package size

Quality and environment

- ISO9001:2000
- ISO14001
- Mil-std 883 compliant

microwave pcb's
microwave components
mmic packaging
microwave mic assembly

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