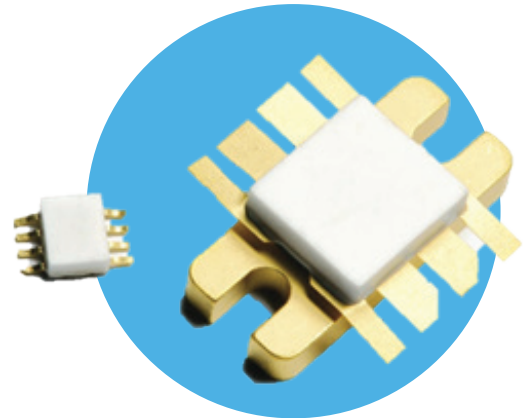


Fast Facts

VDMOS RF Power MOSFETs

TT Electronics, under the Semelab brand has been a global leading supplier of high reliability, high performance RF MOSFETs for over 20 years. We combine our extensive industry pedigree together with our continuity of supply commitment in supporting our customers on their VDMOS designs, offering engineer to engineer support to ensure effective replacement design-in. Our broad range of products is well-known by higher technical performance and demonstrated fit in replacing existing VDMOS alternatives.



CONTINUITY OF SUPPLY

- No plans to make product line obsolete
- Long term agreement with die supply base
- Engineer-to-engineer for replacement design in

BENEFITS

- Ultra-wide band – 1MHz to 1GHz
- Gain up to 20dB VHF, 16dB UHF
- Wide power range – 750mW to 400W
- Highly rugged – 20:1 VSWR withstand
- Excellent linearity
- High reliability – gold metallised
- Low feedback capacitance
- 12.5V devices up to 1GHz
- 28V devices up to 1GHz
- 50V devices optimised for broadcast
- All parts fully RoHS compliant
- Diamond enhanced package option

APPLICATIONS

- Communications handsets
- Base stations
- Jammers
- Air traffic control
- Aircraft transponders
- VHF radio and TV transmitters
- DAB transmitters
- TETRA handsets and base stations
- Industrial
- EMC test equipment
- Medical electronics
- TWT replacements