

RF Power MOSFET(VDMOS)

Industrial Applications

- Semi-Cap (6, 13, 27, 40MHz)
- Industrial Glass (6, 13, 27, 40MHz)
- PV Cells (6, 13, 27, 40MHz)
- Flat Panel Displays (6, 13, 27, 40MHz)
- Mass Spectrometry (13, 27MHz)
- Dielectric Heating (2 to 40MHz)

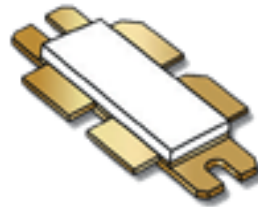
Laser Applications

- Machine Tools (6, 13, 27MHz)
- Drilling (6, 13, 27MHz)
- Marking (13, 27, 40, 81, 108MHz)
- Cutting (6, 13, 27MHz)

Medical Applications

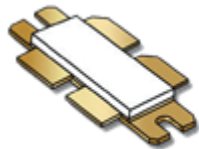
- MRI (8 to 36, 64, 128 300MHz)
- Laser Scalpel (13, 27, 40, 81, 108MHz)
- Diathermy/Hyperthermia (8MHz)
- Chemical Analysis (13, 27MHz)

Part Number	Frequency Band(MHz)	Voltage(V)	Pout(W)
VTSV02175	175	50	175
VTSH02060	175	28	60
VTSV02350	175	50	350
VTSU01900	120	100	900
VTSU011K2	120	100	1200

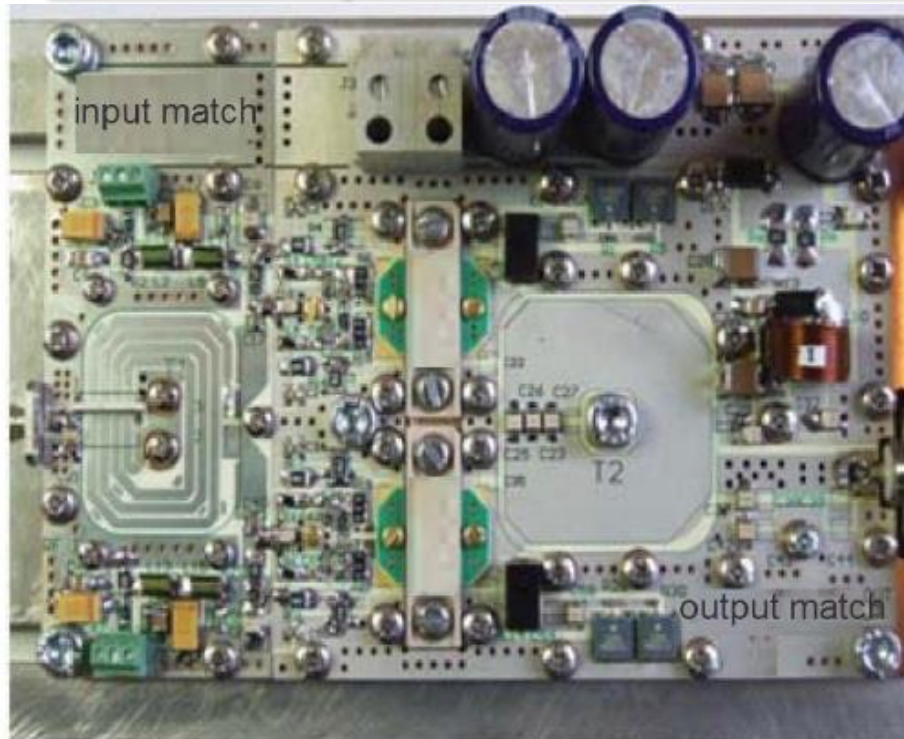


Part Number	Frequency Band(MHz)	Voltage(V)	Pout(W)	Cross reference	Status	Download
VTSH0206	175	28	60	BLF246	Preliminary	
VTSV0217	175	50	175	BLF177	Preliminary	
VTSV0235	175	50	350	BLF278/VRF151 G/MRF151G	Preliminary	
VTSU0190	120	100	900	ARF477FL*2	Preliminary	
VTSU011K2	120	100	1200		Preliminary	

- Innogrations positions RF MOSFET mainly for <200MHz below high power Application where LDMOS isn't preferred.
- Drop in replacement for competition or discontinued parts



- RF plasma generators
- Laser exciter
- RF Drying
- Magnetic resonance imaging (MRI)
- HF transmitter



VSTU011K2 - Gain & Eff. Vs Pout @ 123 MHz
 PULSED WIDTH= 1msec, DUTYCYCLE =10%
 Vds=100 VDC, Idq=2 x 100 mA

