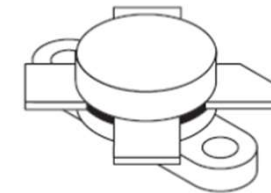




	LDMOS Part	Power (W)	ST VDMOS	MACOM VDMOS	Microsemi VDMOS
50V	MV0517VX	150-175	SD2931/SD4931/SD2941	MRF151A/MRF141/MRF140	VRF150/VRF151/VRF152
	MV0520VX	200-250	/	/	VRF161
	MV0530VX	300-350	SD2933/SD4933/SD2943	/	VRF2933
28V	LDMOS Part				
	MV0506	50-70	/	MRF171A	/
	MV0520VX	100-125	/	MRF174	/
	MV0530VX	150-175	/	MRF140/	/

Innovative idea of using LDMOS in traditional VDMOS package to enable seamless replacement of legacy RF Power MOSFET with benefits

- Physically compatible size
- Same power, voltage
- Lower Rth (No BeO)
- Higher gain (No BeO)
- Lower cost
- Quicker lead time



Pkg: M177/M174

Proven examples:

Buy Innegration MV0506 then put it into the board originally designed for MRF171A, without any tuning, everything is done!