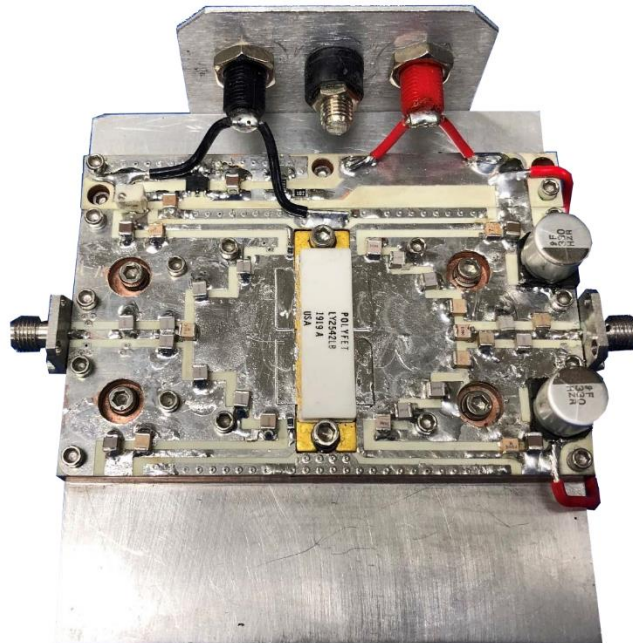




polyfet rf devices



**Polyfet RF Devices'
New 50V, 800W LDMOS
Transistor and Demo Amp - LY2542LB/TB271**



The LY2542LB is the third product released from Polyfet RF Devices' new 50VDC family of push-pull LDMOS transistors. The LY2542LB is a discrete transistor in a push-pull package designed to operate across 960-1215MHz. When operated at 50VDC, with a 128uS pulse width, and 10% duty cycle the LY2542LB delivers a minimum of 800W of saturated power across this band. When operated at specific band applications such as DME, the device will put out a minimum of 900W peak pulse power. Its drain breakdown voltage rating of min 120VDC allows for reliable drain voltage operation of up to 50VDC. The LY2542LB has been tested and characterized in the Polyfet, 960-1215MHz evaluation amplifier called TB271 (pictured here). Please contact us for the LY2542LB data sheet (available July 15, 2019) or TB271 data package (available today)

Castle Microwave Ltd

The UK's first choice for the supply of high technology and leading-edge RF and Microwave products.

sales@castlemicrowave.com
+44 (0)1635 271300
@Castlemicrowave

5 The Pentangle | Park Street | Newbury | RG14 1EA