Normal Vs thermal enhanced GaN transistor Mapping

Pout

450W

400W

350W

300W

250W

200W

Normal transistor

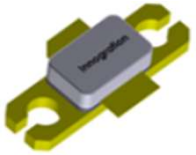
S3U1045V

SU1532V

SU2028V

SU2024V

NU3020V



20.3*5.6mm

Application

- Narrow band CW
- Wideband Pulse
- Modulated back off

Closer package size, mechanically compatible when soldering

Thermal enhanced transistor

SL1540VS

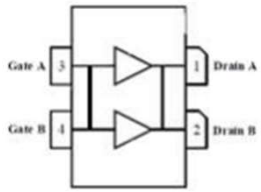
SL2033VS

SL3028VS

SL3024VS

SL3019VS

Dual path configured as single ended



15.3*5.8mm

Application

- Wideband CW