This GIDEP PCN is to announce a specification change/correction of the SOA (Safe Operating Area) curve for the RADHard™ 100V, N-Channel Power MOSFET, IRHNM57110 base product, referenced in IR datasheet No. PD-97192. The change/correction to the SOA curve is made to match the performance that is specified in the equivalent MIL-PRF-19500/743B QPL datasheet. The original IR datasheet was rated at a higher SOA target than the QPL/743. Additional derating was added in QPL/743 for guardbanding.

SOA (Safe Operating Area):
Refer to attached curves in Addendum A herein for change/correction detail.
ADDENDUM A

Safe Operating Area Curves

IRHNM57110 / IRHNM53110 / IRHNMC57110 / IRHNMC53110

From

To

Operation in this area limited by RDS(on)