

## Product Overview

### NGTG20N60L2TF1G: IGBT, N-Channel 600V, 20A, VCE(sat);1.45V Single TO-3PF-3L

For complete documentation, see the data sheet.

NGTG20N60L2TF1G is N-Channel IGBT 600V, 20A, VCE(sat);1.45V Single TO-3PF-3L

#### Features

- IGBT VCE(sat)=1.45V typ. (IC=20A, VGE=15V)
- IGBT tf=67ns typ.
- Enhancement type
- Adaption of full isolation type package
- Maximum junction temperature Tj=175°C

#### Benefits

- High efficiency
- Easy to attach
- High reliability

#### Applications

- Power factor correction of white goods appliance
- General purpose inverter

#### End Products

- Air Conditioner
- Clothes washer
- Dishwasher
- AC Servo Motor System

### Part Electrical Specifications

Product	Compliance	Status	V <sub>BR</sub> (ES) Typ (V)	I <sub>C</sub> Max (A)	V <sub>CE(sat)</sub> Typ (V)	V <sub>F</sub> Typ (V)	E <sub>off</sub> Typ (mJ)	E <sub>on</sub> Typ (mJ)	T <sub>rr</sub> Typ (ns)	I <sub>rr</sub> Typ (A)	Gate Charge Typ (nC)	Short Circuit Withstand (μs)	E <sub>AS</sub> Typ (mJ)	P <sub>D</sub> Max (W)	Co-Packaged Diode	Package Type
NGTG20N60L2TF1G	Pb-free Halide free	Active	600	20	1.45	-	-	-	-	-	84	-	-	64	No	TO-3PF-3L

For more information please contact your local sales support at [www.onsemi.com](http://www.onsemi.com).

Created on: 7/22/2019