

# NTR4101P

## Single P-Channel Trench Power MOSFET -20V, -3.2A, 85mΩ

### Product Overview

For complete documentation, see the data sheet.

This is a 20 V P-Channel Power MOSFET.

### Features

- Leading -20 V Trench for Low RDS(on)
- -1.8 V Rated for Low Voltage Gate Drive
- SOT-23 Surface Mount for Small Footprint
- RoHS Compliant

### Applications

- Load/Power Management for Portables
- Load/Power Management for Computing
- Charging Circuits and Battery Protection

Part Electrical Specifications																	
Product	Pricing (\$/Unit)	Compliance	Status	Channel Polarity	Configuration	V <sub>(BR) DSS</sub> Min (V)	V <sub>GS</sub> Max (V)	V <sub>GS(t)</sub> Max (V)	I <sub>D</sub> Max (A)	P <sub>D</sub> Max (W)	R <sub>DS(on)</sub> Max @ V <sub>GS</sub> = 2.5 V (mΩ)	R <sub>DS(on)</sub> Max @ V <sub>GS</sub> = 4.5 V (mΩ)	R <sub>DS(on)</sub> Max @ V <sub>GS</sub> = 10 V (mΩ)	Q <sub>g</sub> Typ @ V <sub>GS</sub> = 4.5 V (nC)	Q <sub>g</sub> Typ @ V <sub>GS</sub> = 10 V (nC)	C <sub>iss</sub> Typ (pF)	Package Type
NTR4101PT1G	0.0504		Active	P-Channel	Single	-20	8	1.2	2.4	0.73	90	70	-	-	75	675	SOT-23-3