

# 2N6782

## 2N6782 Information



Part Number	2N6782
Manufacturer	Microsemi Corporation
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Description	MOSFET N-CH 100V TO-205AF
Package	TO-205AF Metal Can
	For the pricing/inventory/lead time, please contact us Website: https://www.heisener.com E-mail: salesdept@heisener.com



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# **Certified Quality**

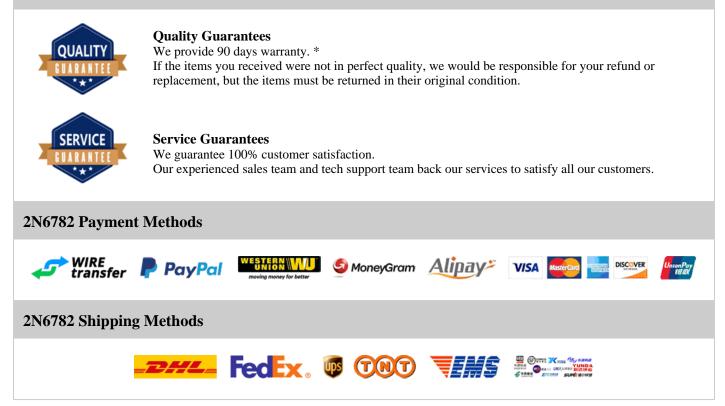
Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.



## 2N6782 Specifications

Manufacturer Part Number	2N6782
Manufacturer	Microsemi Corporation
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Package	TO-205AF Metal Can
Series	-
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	100V
Current - Continuous Drain (Id) @ 25°C	3.5A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	4V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	8.1nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	-
Vgs (Max)	$\pm 20 V$
FET Feature	-
Power Dissipation (Max)	800mW (Ta), 15W (Tc)
Rds On (Max) @ Id, Vgs	600 mOhm @ 2.25A, 10V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Supplier Device Package	TO-39
Package / Case	TO-205AF Metal Can
	Report errors?

#### 2N6782 Guarantees



If you have any question about 2N6782, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com