

2N6782U Information



For Reference Only

Part Number [2N6782U](#)
Manufacturer Microsemi Corporation
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 100V 18LCC
Package 18-BQFN Exposed Pad
 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.



2N6782U Specifications

Manufacturer Part Number	2N6782U
Manufacturer	Microsemi Corporation
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Package	18-BQFN Exposed Pad
Series	-
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (V _{dss})	100V
Current - Continuous Drain (I _d) @ 25°C	3.5A (T _c)
Drive Voltage (Max R _{ds} On, Min R _{ds} On)	10V
V _{gs} (th) (Max) @ I _d	4V @ 250μA
Gate Charge (Q _g) (Max) @ V _{gs}	8.1nC @ 10V
Input Capacitance (C _{iss}) (Max) @ V _{ds}	-
V _{gs} (Max)	±20V
FET Feature	-
Power Dissipation (Max)	800mW (T _a), 15W (T _c)
R _{ds} On (Max) @ I _d , V _{gs}	600 mOhm @ 2.25A, 10V
Operating Temperature	-55°C ~ 150°C (T _J)
Mounting Type	Surface Mount
Supplier Device Package	18-ULCC (9.14x7.49)
Package / Case	18-BQFN Exposed Pad

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2N6782U Guarantees



Quality Guarantees

We provide 90 days warranty. *

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

2N6782U Payment Methods



2N6782U Shipping Methods



If you have any question about 2N6782U, please do not hesitate to contact us!

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