

BSD316SNL6327XT Information


For Reference Only

Part Number [BSD316SNL6327XT](#)
Manufacturer Infineon Technologies
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 30V 1.4A SOT-363
Package 6-VSSOP, SC-88, SOT-363
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: salesdept@heisener.com


[Request a Quote](#)
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.


BSD316SNL6327XT Specifications

Manufacturer Part Number	BSD316SNL6327XT
Manufacturer	Infineon Technologies
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	6-VSSOP, SC-88, SOT-363
Series	OptiMOS?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	30V
Current - Continuous Drain (Id) @ 25°C	1.4A (Ta)
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Vgs(th) (Max) @ Id	2V @ 3.7µA
Gate Charge (Qg) (Max) @ Vgs	0.6nC @ 5V
Input Capacitance (Ciss) (Max) @ Vds	94pF @ 15V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	500mW (Ta)
Rds On (Max) @ Id, Vgs	160 mOhm @ 1.4A, 10V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	PG-SOT363-6
Package / Case	6-VSSOP, SC-88, SOT-363

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BSD316SNL6327XT 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.

BSD316SNL6327XT Payment Methods



BSD316SNL6327XT Shipping Methods



If you have any question about BSD316SNL6327XT, please do not hesitate to contact us!

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