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PSMN017-30BL,118



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See Product Specifications

Mouser #:

771-PSMN017-30BL,118

Mfr. #:

PSMN017-30BL,118

Mfr.:

Nexperia


Customer #:

Customer #


Description:

MOSFET N-chan 30 V 17 mohm MOSFET in D2PAK


Lifecycle:

 **New Product:** New from this manufacturer.

Datasheet:

 PSMN017-30BL,118 Datasheet (PDF)

ECAD Model:

 PCB Footprint and Symbol

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Specifications

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Product Attribute	Attribute Value	Search Similar
Manufacturer:	Nexperia	<input type="checkbox"/>
Product Category:	MOSFET	<input checked="" type="checkbox"/>
Technology:	Si	<input type="checkbox"/>
Mounting Style:	SMD/SMT	<input checked="" type="checkbox"/>
Package / Case:	TO-263-3	<input type="checkbox"/>
Transistor Polarity:	N-Channel	<input type="checkbox"/>
Number of Channels:	1 Channel	<input type="checkbox"/>
Vds - Drain-Source Breakdown Voltage:	30 V	<input type="checkbox"/>
Id - Continuous Drain Current:	32 A	<input type="checkbox"/>
Rds On - Drain-Source Resistance:	17 mOhms	<input type="checkbox"/>
Vgs - Gate-Source Voltage:	- 20 V, + 20 V	<input type="checkbox"/>

In Stock: 4,006

Stock:

4,006 Can Ship Immediately

Factory Lead-Time:

27 Weeks 

Long lead time reported on this product.

Enter Quantity:

Minimum: 1 Multiples: 1


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Pricing (USD)

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250	\$0.823	\$205.75
500	\$0.798	\$399.00
Full Reel (Order in multiples of 800)		
800	\$0.551	\$440.80
2,400	\$0.535	\$1,284.00
4,800	\$0.519	\$2,491.20
9,600	\$0.479	\$4,598.40


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https://br.mouser.com/ProductDetail/Nexperia/PSMN017-30BL118?qs=sW73JokyXSqKftPV%252Be%252BVMA%3D%3D

1/3

Vgs th - Gate-Source Threshold Voltage:	2.15 V	<input type="checkbox"/>
Qg - Gate Charge:	10.7 nC	<input type="checkbox"/>
Minimum Operating Temperature:	- 55 C	<input type="checkbox"/>
Maximum Operating Temperature:	+ 175 C	<input type="checkbox"/>
Pd - Power Dissipation:	47 W	<input type="checkbox"/>
Channel Mode:	Enhancement	<input type="checkbox"/>
Packaging:	Cut Tape	<input type="checkbox"/>
Packaging:	MouseReel	<input type="checkbox"/>
Packaging:	Reel	<input type="checkbox"/>
Configuration:	Single	
Transistor Type:	1 N-Channel	
Brand:	Nexperia	
Product Type:	MOSFET	
Factory Pack Quantity:	800	
Subcategory:	MOSFETs	
Part # Aliases:	934066821118	
Unit Weight:	4 g	

✓

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PSMN017-30BL,118 Datasheet (PDF)

Application Notes

Understanding Power MOSFET Datasheet Parameters (v.1.0) (PDF)

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REACH Certificate (PDF)

RoHS Certificate (PDF)

RoHS Certificate (PDF)

Environmental Documents

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