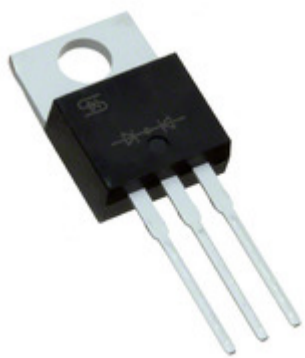


## TSM100N06CZ C0G



**Part Number:** [TSM100N06CZ C0G](#)  
**Manufacturer:** [TSC \(Taiwan Semiconductor\)](#)  
**Description:** MOSFET N-CHANNEL 60V 100A TO220  
**Data sheet:** [PDF TSM100N06CZ](#)

**RoHS Status:** Lead free / RoHS Compliant  
**Ship From:** Hong Kong  
**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
 See Product Specifications for product details.  
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### PRODUCT PARAMETER

Part Number	<a href="#">TSM100N06CZ C0G</a>
Manufacturer	<a href="#">TSC (Taiwan Semiconductor)</a>
Description	MOSFET N-CHANNEL 60V 100A TO220
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	87093 pcs
Product Photo	<a href="#">TSM100N06CZ C0G.jpg</a>
Category	<a href="#">Discrete Semiconductor Products</a>
Vgs(th) (Max) @ Id	4V @ 250µA
Vgs (Max)	±20V
Technology	MOSFET (Metal Oxide)
Supplier Device Package	TO-220
Series	-
Rds On (Max) @ Id, Vgs	6.7 mOhm @ 30A, 10V
Power Dissipation (Max)	167W (Tc)
Packaging	Tube
Package / Case	TO-220-3
Other Names	TSM100N06CZ C0G-ND TSM100N06CZC0G
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Moisture Sensitivity Level (MSL)	1 (Unlimited)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Input Capacitance (Ciss) (Max) @ Vds	4382pF @ 30V
Gate Charge (Qg) (Max) @ Vgs	92nC @ 10V
FET Type	N-Channel
FET Feature	-
Drive Voltage (Max Rds On, Min Rds On)	10V
Drain to Source Voltage (Vdss)	60V
Detailed Description	N-Channel 60V 100A (Tc) 167W (Tc) Through Hole TO-220
Current - Continuous Drain (Id) @ 25°C	100A (Tc)

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	Part#: <a href="#">TSM1011IDT</a> Description: IC CTRLR BATT CHRGR/ADAPT 8-SOIC	Manufacturers: <a href="#">STMicroelectronics</a> In Stock: 244793	<a href="#">RFQ</a>
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	Part#: <a href="#">TSM1011AIST</a> Description: IC CTRLR CC/CV SMPS MINI 8-MSOP	Manufacturers: <a href="#">STMicroelectronics</a> In Stock: 98917	<a href="#">RFQ</a>
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	Part#: <a href="#">TSM1011IST</a> Description: IC CTRLR BATT CHRGR/ADAPT 8-MSOP	Manufacturers: <a href="#">STMicroelectronics</a> In Stock: 67009	<a href="#">RFQ</a>
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