

TSM70N600CI C0G



Part Number: [TSM70N600CI C0G](#)
Manufacturer: [TSC \(Taiwan Semiconductor\)](#)
Description: MOSFET N-CHANNEL 700V 8A ITO220
Data sheet: [PDF TSM70N600](#)

RoHS Status: Lead free / RoHS Compliant
Ship From: Hong Kong
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PRODUCT PARAMETER

Part Number	TSM70N600CI C0G
Manufacturer	TSC (Taiwan Semiconductor)
Description	MOSFET N-CHANNEL 700V 8A ITO220
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	85213 pcs
Product Photo	TSM70N600CI C0G-001.jpg , TSM70N600CI C0G-002.jpg
Category	Discrete Semiconductor Products
Vgs(th) (Max) @ Id	4V @ 250µA
Vgs (Max)	±30V
Technology	MOSFET (Metal Oxide)
Supplier Device Package	ITO-220
Series	-
Rds On (Max) @ Id, Vgs	600 mOhm @ 4A, 10V
Power Dissipation (Max)	83W (Tc)
Packaging	Tube
Package / Case	TO-220-3 Full Pack, Isolated Tab
Other Names	TSM70N600CI C0G-ND TSM70N600CIC0G
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	743pF @ 100V
Gate Charge (Qg) (Max) @ Vgs	12.6nC @ 10V
FET Type	N-Channel
FET Feature	-
Drive Voltage (Max Rds On, Min Rds On)	10V
Drain to Source Voltage (Vdss)	700V
Detailed Description	N-Channel 700V 8A (Tc) 83W (Tc) Through Hole ITO-220
Current - Continuous Drain (Id) @ 25°C	8A (Tc)

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