

Image may be representation. See specs for product details.

## 2N7002CKVL **Manufacturer Part Number:** 2N7002CKVL Manufacturer/Brand: Nexperia **Part of Description:** MOSFET N-CH 60V 300MA TO236AB **Datasheets:** 2N7002CKVL.pdf RoHS Lead free / RoHS **RoHs Status:** Compliant **Stock Condition:** New original, 2624 pcs Stock Available. **Ship From:** Hong Kong **Shipment Way:** DHL/Fedex/TNT/UPS/EMS

Specifications	
Part Number	2N7002CKVL
Manufacturer	Nexperia
Description	MOSFET N-CH 60V 300MA TO236AB
Category	Discrete Semiconductor Products > Transistors - FETs,
Part Status	2624 pcs Stock
Vgs(th) (Max) @ Id	2.5V @ 250μA
Vgs (Max)	±20V
Technology	MOSFET (Metal Oxide)
Supplier Device Package	TO-236AB
Series	Automotive, AEC-Q101, TrenchMOS™
Rds On (Max) @ Id, Vgs	1.6 Ohm @ 500mA, 10V
Power Dissipation (Max)	350mW (Ta)
Packaging	Tape & Reel (TR)
Package / Case	TO-236-3, SC-59, SOT-23-3
Other Names	934063611235
Operating Temperature	150°C (TJ)
Mounting Type	Surface Mount
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Input Capacitance (Ciss) (Max) @ Vds	55pF @ 25V
Gate Charge (Qg) (Max) @ Vgs	1.3nC @ 4.5V
FET Type	N-Channel
FET Feature	
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Drain to Source Voltage (Vdss)	60V
Detailed Description	N-Channel 60V 300mA (Ta) 350mW (Ta) Surface Mount
Detailed Describitor	

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Current - Continuous Drain (Id) @ 25°C



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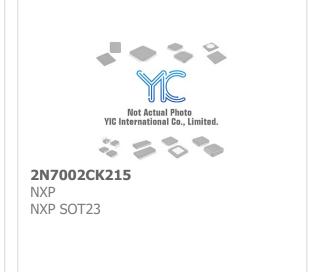


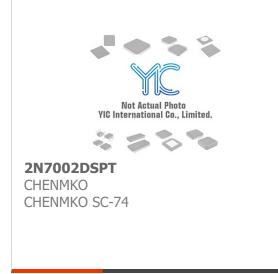
300mA (Ta)

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MOSFET N-CH 60V 0.3A SOT-23



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