

ON Semiconductor®


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NCP1012ST100T3G

Part Number:	NCP1012ST100T3G
Manufacturer/Brand:	AMI Semiconductor / ON Semiconductor
Product description	IC OFFLINE SWIT SMPS CM SOT223
Datasheets:	 NCP1012ST100T3G.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	230110 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of NCP1012ST100T3G

PART NUMBER	NCP1012ST100T3G
MANUFACTURER	AMI Semiconductor / ON Semiconductor
DESCRIPTION	IC OFFLINE SWIT SMPS CM SOT223
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	230110 pcs
DATA SHEET	 NCP1012ST100T3G.pdf
VOLTAGE - SUPPLY (VCC/VDD)	8.5 V ~ 10 V
VOLTAGE - BREAKDOWN	700V
TOPOLOGY	Flyback
SUPPLIER DEVICE PACKAGE	SOT-223
SERIES	-
POWER (WATTS)	19W
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	TO-261-4, TO-261AA
OUTPUT ISOLATION	Isolated
OTHER NAMES	NCP1012ST100T3G-ND NCP1012ST100T3GOSTR
OPERATING TEMPERATURE	-40°C ~ 150°C (TJ)
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
INTERNAL SWITCH(S)	Yes
FREQUENCY - SWITCHING	100kHz
FAULT PROTECTION	Over Load, Over Temperature, Over Voltage
DUTY CYCLE	67%
DETAILED DESCRIPTION	Converter Offline Flyback Topology 100kHz SOT-223
CONTROL FEATURES	-
BASE PART NUMBER	NCP1012

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