

TC80310ASHWS :Part Detail

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General Information

Part Number	TC80310ASHWS
Description	Alternator Regulator with LIN, 14V, 8A, Preconfig, Wafer
Product Line	CN52GD1
PTI	ANTC
Material Type	Probed Die
Life Cycle Description (code)	PRODUCT STABLE GROWTH/MATURITY
Status	Active
Application/Qualification Tier	AUTO; >=10 YEARS APPLICATION LIFE

Package Information

Package Type and Termination Count	Die
Package Description and Mechanical Drawing	CHIPS SM <50000 SQ MILS
Device Weight(g)	0.03700
Package Material	Other
Mounting Style	Bare Die
Tape & Reel	No

Environmental and Compliance Information

Pb-Free	
RoHS Compliant	
Halogen Free	Yes
Material Composition Declaration (MCD)	Download MCD Report Download MCD Report
RoHS Certificate of Analysis (CoA)	Download RoHS CoA Report
2nd Level Interconnect	Contact Us
REACH SVHC	NXP REACH Statement

Manufacturing Information

Ordering Information

Minimum Package Quantity (MPQ)	1
MPQ Container	EACH
Exempt from Minimum Delivery Value	No
Preferred Order Quantity (POQ)	1
POQ Container	EACH
Export Control Classification Number (US)	EAR99
Harmonized Tariff (	
CCATS Document	-
ENC Status	-
Other Trade Compliance Documents	-
Budgetary Price excluding tax(US Currency)	-
Order	

Operating Characteristics

Additional Features - Power Management	Temperature Monitoring
Ambient Operating Temperature (Min-Max) (°C)	-40 to 150
Communication Protocol	LIN
Device Function	Alternator Regulator
Diagnostics	Status Reporting
Interface and Input Control	LIN
Protection	Load Dump Overcurrent Protected Bus Overtemperature Overvoltage
Sample Exception Availability	N
Supply Voltage (Min-Max) (V)	8 to 27

Reliability Data Lookup

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