

BTS5012SDAAUMA1



Part Number: [BTS5012SDAAUMA1](#)

Manufacturer: [International Rectifier \(Infineon Technologies\)](#)

Description: IC PWR SW SMART HISIDE TO252-5

Data sheet:  [BTS5012SDA](#)

RoHs Status: Lead free / RoHS Compliant

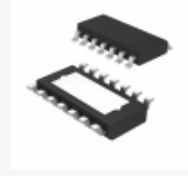
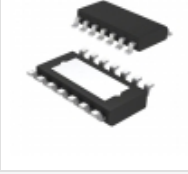
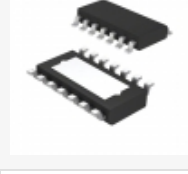
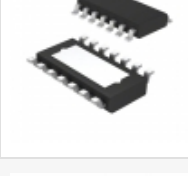
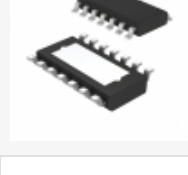
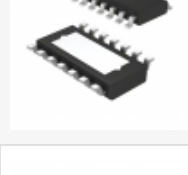
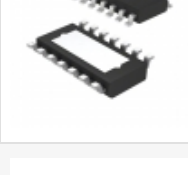
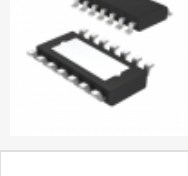
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PRODUCT PARAMETER			
Part Number	BTS5012SDAAUMA1	Manufacturer	International Rectifier (Infineon Technologies)
Description	IC PWR SW SMART HISIDE TO252-5	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	91186 pcs	Data sheet	BTS5012SDA
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	Not Required
Voltage - Load	5.5 V ~ 20 V	Switch Type	General Purpose
Supplier Device Package	PG-TO252-5-11	Series	PROFET®
Rds On (Typ)	12 mOhm	Ratio - Input:Output	1:1
Packaging	Tape & Reel (TR)	Package / Case	TO-252-5, DPak (4 Leads + Tab), TO-252AD
Output Type	N-Channel	Output Configuration	High Side
Other Names	BTS5012SDA BTS5012SDAAUMA1TR BTS5012SDAINTR BTS5012SDAINTR-ND BTS5012SDAXT SP000298620	Operating Temperature	-40°C ~ 150°C (TJ)
Number of Outputs	1	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	20 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Interface	On/Off	Input Type	Non-Inverting
Features	Auto Restart	Fault Protection	Current Limiting (Fixed), Open Load Detect, Over Temperature, Over Voltage
Current - Output (Max)	6A	Base Part Number	BTS5012
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	Part#: BTS500851TMBAKSA1 Description: IC SWITCH PWR HISIDE TO220-7	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: BTS500801TMAATMA1 Description: IC SWITCH PWR HISIDE TO220-7	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
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	Part#: BTS50451EJAXUMA1 Description: IC PWR SW HI-SIDE 8DSO	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
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	Part#: BTS500801TMBAKSA1 Description: IC SWITCH PWR HISIDE TO220-7	Manufacturers: International Rectifier (Infineon Technologies)	RFQ

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