



Image may be representation.
See specifications for product details.



A6727TR

Manufacturer Part Number	A6727TR
Manufacturer	STMicroelectronics
Allelco Part Number	32D-A6727TR
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC REG CTRLR BUCK 8SOIC
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

A6727TR - STMicroelectronics.New Original in Stock. Download Linear Technology A6727TR datasheet/specifications on AllelcoElec.com.
Request a quote for A6727TR, please send us email: info@allelco.com

Specifications

A6727TR Tech Specifications

A6727TR - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Output Configuration	Positive
Voltage - Supply (Vcc/Vdd)	4.1V ~ 13.2V	Operating Temperature	-40°C ~ 150°C (TJ)
Topology	Buck	Number of Outputs	1
Synchronous Rectifier	Yes	Mounting Type	Surface Mount
Supplier Device Package	8-SOIC	Function	Step-Down
Series	Automotive, AEC-Q100	Frequency - Switching	300kHz
Serial Interfaces	-	Duty Cycle (Max)	80%
Package / Case	8-SOIC (0.154", 3.90mm Width)	Control Features	Enable, Phase Control
Package	Tape & Reel (TR)	Clock Sync	No
Output Type	Transistor Driver	Base Product Number	A6727
Output Phases	1		

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics A6727TR

Product Attribute				
Part Number	A6727TR	LTC3703IGN#TRPBF	MAX1717EEG+T	LTC3803IS6#TRMPBF
Manufacturer	STMicroelectronics	Analog Devices Inc.	Analog Devices Inc./Maxim Integrated	Analog Devices Inc.
Voltage - Supply (Vcc/Vdd)	4.1V ~ 13.2V	9.3V ~ 15V	4.5V ~ 5.5V	5.7V ~ 8V
Frequency - Switching	300kHz	100kHz ~ 600kHz	200kHz, 300kHz, 550kHz, 1MHz	200kHz
Base Product Number	A6727	LTC3703	MAX1717	LTC3803
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Duty Cycle (Max)	80%	93%	100%	80%
Output Configuration	Positive	Positive	Positive	Positive, Isolation Capable
Series	Automotive, AEC-Q100	-	-	-
Output Phases	1	1	1	1
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Serial Interfaces	-	-	-	-
Control Features	Enable, Phase Control	Current Limit, Enable, Frequency Control, Soft Start	Current Limit, Enable, On Time Control, Slew Control	Current Limit, Enable
Function	Step-Down	Step-Down	Step-Down	Step-Up/Step-Down
Supplier Device Package	8-SOIC	16-SSOP	24-QSOP	TSOT-23-6
Package / Case	8-SOIC (0.154", 3.90mm Width)	16-SSOP (0.154", 3.90mm Width)	24-SSOP (0.154", 3.90mm Width)	SOT-23-6 Thin, TSOT-23-6
Synchronous Rectifier	Yes	Yes	Yes	No
Clock Sync	No	Yes	No	No
Topology	Buck	Buck	Buck	Flyback
Output Type	Transistor Driver	Transistor Driver	Transistor Driver	Transistor Driver
Number of Outputs	1	1	1	1
Operating Temperature	-40°C ~ 150°C (TJ)	-40°C ~ 125°C (TJ)	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TJ)

A6727TR Datasheet PDF

Download A6727TR pdf datasheets and STMicroelectronics documentation for A6727TR - STMicroelectronics.

PCN Packaging

2.73KHz.pdf

HTML Datasheet

Cylindrical Battery Holders.pdf



Customers Also Interested in

Recommended Products

LTC3703IGN#TRPBF Analog Devices Inc. IC REG CTRLR BUCK 16SSOP	MAX1717EEG+T Analog Devices Inc./Maxim Integrated IC REG CTRLR BUCK 24QSOP	LTC3803IS6#TRMPBF Analog Devices Inc. IC REG CTRLR FLYBACK TSOT23-6	ISL81601FRZ-T7A Renesas Electronics America Inc SWITCH SYNCH BUCK-BOOST PWM	LTC3736EGN#TRPBF Analog Devices Inc. IC REG CTRLR BUCK 24SSOP	LM25141QURGERQ1 Texas Instruments IC POWER
UC3842BVD1G onsemi IC REG CTRLR BST FLYBK ISO 8SOIC	MAX5051AUI Analog Devices Inc./Maxim Integrated IC REG CTRLR MULT TOP 28TSSOP	LM5035AMHX-1/NOBP Texas Instruments IC REG CTRLR HALF-BRIDGE 28TSSOP	LTC3824EMSE#PBF Analog Devices Inc. IC REG CTRLR BUCK 10MSOP	UC3843BVD2G onsemi IC REG CTRLR FLYBACK 14SOIC	LT3748IMS#TRPBF Analog Devices Inc. IC REG CTRLR FLYBACK 16MSOP
AP2014SG-13 Diodes Incorporated IC REG CTRLR BUCK SOP-8L	LTC3736EGN-2#TRPBF Analog Devices Inc. IC REG CTRLR BUCK 24SSOP	MAX8578EUB+ Analog Devices Inc./Maxim Integrated IC REG CTRLR BUCK 10UMAX	ISL6522CR Renesas Electronics America Inc IC REG CTRLR BUCK 16QFN	UC2825AQ Texas Instruments IC REG CTRLR MULT TOP 20PLCC	KA7500B onsemi IC REG CTRLR BUCK 16DIP

Shipment

Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

Delivery Cost

> Use your express account for shipment if you have one.
 > Use our account for the shipment. Refer to the table below for the approximate charges.
 (Different time frame / countries / package size has different price.)

Delivery Method

> Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.
 > Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference		
Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference	
Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00

Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
 Contact us if you have any questions.

Payment Support

The payment method can be chosen from the methods shown below:
 Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -

Efficient Supply Management	Cost-Saving Procurement	Fast Sourcing & Delivery
-----------------------------	-------------------------	--------------------------

Contact us if you have any questions.

Phone +00852 9146 4856	Email info@allelco.com
---------------------------	---------------------------

Certifications & Memberships



[View More](#)

Contact us

Address: Flat/Rm C 13/F Harvard Commercial Building 105-111 Thomson Road, Wan Chai, Hong Kong
 Phone: +00852 9146 4856
 Fax: +00852 3010 8510
 Email: info@Allelco.com