

Image may be representation.
See specifications for product details.



FAN48685UC08X

Manufacturer Part Number	FAN48685UC08X
Manufacturer	onsemi
Allelco Part Number	32D-FAN48685UC08X
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC REG BOOST PROG 800MA 9WLCSP
Package	9-UFBGA, WLCSP
Data sheet	FAN48685.pdf
	FAN48685.pdf
RoHs Status	ROHS3 Compliant

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FAN48685UC08X - onsemi.New Original in Stock. Download Linear Technology FAN48685UC08X datasheet/specifications on AllelcoElec.com.
Request a quote for FAN48685UC08X, please send us email: info@allelco.com

Specifications

FAN48685UC08X Tech Specifications

FAN48685UC08X - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Package	Tape & Reel (TR)
Voltage - Output (Min/Fixed)	3.6V, 5V, 5.45V	Output Type	Programmable
Voltage - Output (Max)	-	Output Configuration	Positive
Voltage - Input (Min)	2.5V	Operating Temperature	-40°C ~ 85°C (TA)
Voltage - Input (Max)	5.5V	Number of Outputs	1
Topology	Boost	Mounting Type	Surface Mount
Synchronous Rectifier	Yes	Function	Step-Up
Supplier Device Package	9-WLCSP (1.22x1.22)	Frequency - Switching	2.5MHz
Series	TinyBoost®	Current - Output	800mA
Package / Case	9-UFBGA, WLCSP	Base Product Number	FAN48685

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi FAN48685UC08X

Product Attribute				
Part Number	FAN48685UC08X	FAN48630UC50X	FAN49103AUC340X	FAN49101AUC340X
Manufacturer	onsemi	onsemi	onsemi	onsemi
Package / Case	9-UFBGA, WLCSP	16-UFBGA, WLCSP	20-UFBGA, WLCSP	20-UFBGA, WLCSP
Supplier Device Package	9-WLCSP (1.22x1.22)	16-WLCSP (1.78x1.78)	20-WLCSP (1.96x1.56)	20-WLCSP (1.96x1.56)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Synchronous Rectifier	Yes	Yes	Yes	Yes
Voltage - Input (Min)	2.5V	2.35V	2.5V	2.5V
Voltage - Output (Max)	-	-	4V	-
Output Configuration	Positive	Positive	Positive	Positive
Frequency - Switching	2.5MHz	2.5MHz	1.8MHz	1.8MHz
Number of Outputs	1	1	1	1
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Topology	Boost	Boost	Buck-Boost	Buck-Boost
Current - Output	800mA	1.5A (Switch)	2.5A	2A
Voltage - Output (Min/Fixed)	3.6V, 5V, 5.45V	5V, 5.29V	2.8V, 3.4V	3.4V
Function	Step-Up	Step-Up	Step-Up/Step-Down	Step-Up/Step-Down
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Output Type	Programmable	Programmable	Programmable (Fixed)	Fixed
Base Product Number	FAN48685	FAN48630	FAN49103	FAN49101
Series	TinyBoost®	TinyBoost®	TinyPower™	TinyPower™
Voltage - Input (Max)	5.5V	5.5V	5.5V	5.5V

FAN48685UC08X Datasheet PDF

Download FAN48685UC08X pdf datasheets and onsemi documentation for FAN48685UC08X - onsemi.

Datasheets

[FAN48685.pdf](#)

Environmental Information

[onsemi REACH.pdf](#)








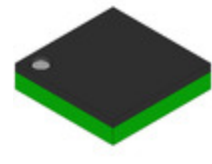


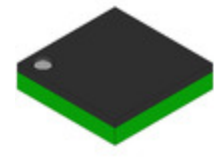
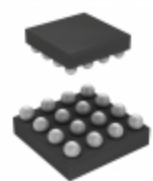






[onsemi RoHS.pdf](#)

[Material Declaration FAN48685UC08X.pdf](#)

HTML Datasheet

Customers Also Interested in

Recommended Products

 FAN48630UC50X onsemi IC REG BOOST PROG 1.5A 16WLCSP	 FAN5000AMX Fairchild Semiconductor FAN5000AMX	 FAN48632UC35X onsemi IC REG CONV GSM PA 1OUT 16WLCSP	 FAN49103AUC340X onsemi IC REG BCK BST 3.4V 2.5A 20WLCSP	 FAN48680UC07X Fairchild (onsemi)	 FAN48632UC35X Fairchild Semiconductor 2.5 MHZ, 2.0 A PULSED-LOAD SYNCH
 FAN4931IP5X Fairchild Semiconductor OPERATIONAL AMPLIFIER, 6000UV OF	 FAN48632UC33X Fairchild Semiconductor 2.5 MHZ, 2.0 A PULSED-LOAD SYNCH	 FAN49101AUC340X onsemi IC REG BCK BST 3.4V 2A 20WLCSP	 FAN48632BUC33X onsemi IC REG CONV GSM PA 1OUT 16WLCSP	 FAN48632BUC33X Fairchild Semiconductor 2.5 MHZ, 2.0 A PULSED-LOAD SYNCH	 FAN48632UC33X onsemi IC REG CONV GSM PA 1OUT 16WLCSP
 FAN49100AUC330X onsemi IC REG BCK BST 3.3V 2A 20WLCSP	 FAN5000AMX onsemi INTEGRATED CIRCUIT	 FAN49101AUC340X Fairchild Semiconductor SWITCHING REGULATOR	 FAN4931IP5X onsemi IC OPAMP VFB 1 CIRCUIT SC70-5	 FAN48680UC08X onsemi FAN4868 - SWITCHING REGULATOR	 FAN48680UC08X Fairchild Semiconductor SWITCHING REGULATOR

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
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Contact us if you have any questions.

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Certifications & Memberships



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