



Image may be representation.
See specifications for product details.



SI8483DB-T2-E1

Manufacturer Part Number	SI8483DB-T2-E1
Manufacturer	Vishay / Siliconix
Allelco Part Number	32D-SI8483DB-T2-E1
ECAD Model	Request Free CAD Models
Parts Description	MOSFET P-CH 12V 16A 6MICRO FOOT
Package	6-UFBGA
Data sheet	SI8483DB-T2-E1.pdf
RoHs Status	ROHS3 Compliant

[Get a Quote](#)

SI8483DB-T2-E1 - Vishay Siliconix. New Original in Stock. Download Linear Technology SI8483DB-T2-E1 datasheet/specifications on AllelcoElec.com.
Request a quote for SI8483DB-T2-E1, please send us email: info@allelco.com

Specifications

SI8483DB-T2-E1 Tech Specifications

SI8483DB-T2-E1 - Vishay Siliconix technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Vishay / Siliconix	Operating Temperature	-55°C ~ 150°C (TJ)
Vgs(th) (Max) @ Id	800mV @ 250µA	Mounting Type	Surface Mount
Vgs (Max)	±10V	Input Capacitance (Ciss) (Max) @ Vds	1840 pF @ 6 V
Technology	MOSFET (Metal Oxide)	Gate Charge (Qg) (Max) @ Vgs	65 nC @ 10 V
Supplier Device Package	6-Micro Foot™ (1.5x1)	FET Type	P-Channel
Series	TrenchFET®	FET Feature	-
Rds On (Max) @ Id, Vgs	26mOhm @ 1.5A, 4.5V	Drive Voltage (Max Rds On, Min Rds On)	1.5V, 4.5V
Power Dissipation (Max)	2.77W (Ta), 13W (Tc)	Drain to Source Voltage (Vdss)	12 V
Package / Case	6-UFBGA	Current - Continuous Drain (Id) @ 25°C	16A (Tc)
Package	Tape & Reel (TR)	Base Product Number	SI8483

Parts with Similar Specifications

The three parts on the right have similar specifications to Vishay Siliconix SI8483DB-T2-E1

Product Attribute				
Part Number	SI8483DB-T2-E1	SI8487DB-T1-E1	SI8472DB-T2-E1	SI8499DB-T2-E1
Manufacturer	Vishay Siliconix	Vishay Siliconix	Vishay Siliconix	Vishay Siliconix
Gate Charge (Qg) (Max) @ Vgs	65 nC @ 10 V	80 nC @ 10 V	18 nC @ 8 V	30 nC @ 5 V
Vgs (Max)	±10V	±12V	±8V	±12V
Series	TrenchFET®	TrenchFET®	TrenchFET®	TrenchFET®
Vgs(th) (Max) @ Id	800mV @ 250µA	1.2V @ 250µA	900mV @ 250µA	1.3V @ 250µA
FET Type	P-Channel	P-Channel	N-Channel	P-Channel
Current - Continuous Drain (Id) @ 25°C	16A (Tc)	4.9A (Ta)	3.3A (Ta)	16A (Tc)
Package / Case	6-UFBGA	4-UFBGA	4-UFBGA	6-UFBGA
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Supplier Device Package	6-Micro Foot™ (1.5x1)	4-Microfoot	4-MICRO FOOT® (1x1)	6-Micro Foot™ (1.5x1)
FET Feature	-	-	-	-
Rds On (Max) @ Id, Vgs	26mOhm @ 1.5A, 4.5V	31mOhm @ 2A, 10V	44mOhm @ 1.5A, 4.5V	32mOhm @ 1.5A, 4.5V
Power Dissipation (Max)	2.77W (Ta), 13W (Tc)	1.1W (Ta), 2.7W (Tc)	780mW (Ta)	2.77W (Ta), 13W (Tc)
Input Capacitance (Ciss) (Max) @ Vds	1840 pF @ 6 V	2240 pF @ 15 V	630 pF @ 10 V	1300 pF @ 10 V
Base Product Number	SI8483	SI8487	SI8472	SI8499
Drive Voltage (Max Rds On, Min Rds On)	1.5V, 4.5V	2.5V, 10V	1.5V, 4.5V	1.8V, 4.5V
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)
Operating Temperature	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Drain to Source Voltage (Vdss)	12 V	30 V	20 V	20 V

SI8483DB-T2-E1 Datasheet PDF

Download SI8483DB-T2-E1 pdf datasheets and Vishay Siliconix documentation for SI8483DB-T2-E1 - Vishay Siliconix.

Datasheets




[SI8483DB-T2-E1.pdf](#)

Environmental Information

[Material Compliance.pdf](#)

Customers Also Interested in

Recommended Products

 SI8499DB-T2-E1 MOS Electro-Films (EFI) / Vishay	 SI8487DB-T1-E1 Vishay Siliconix MOSFET P-CH 30V 4MICROFOOT	 SI8472DB-T2-E1 Vishay Siliconix MOSFET N-CH 20V 4MICRO FOOT	 SI8463AB-B-IS1 Skyworks Solutions Inc. DGTL ISO 2500VRMS 6CH GP 16SOIC	 SI8463BA-A-IS1 Skyworks Solutions Inc. DGTL ISO 1000VRMS 6CH GP 16SOIC	 SI8483DB-T2-E1 MOS Electro-Films (EFI) / Vishay
 SI8503-C-IM Skyworks Solutions Inc. SENSOR CURRENT XFMR 20A AC	 SI8462BA-B-IS1 Skyworks Solutions Inc. DGTL ISO 1000VRMS 6CH GP 16SOIC	 SI8472DB-T2-E1 MOS Electro-Films (EFI) / Vishay	 SI8499DB-T2-E1 Vishay Siliconix MOSFET P-CH 20V 16A 6MICRO FOOT	 SI8467DB-T2-E1 Vishay Siliconix MOSFET P-CH 20V 4MICROFOOT	 SI8469DB-T2-E1 Vishay Siliconix MOSFET P-CH 8V 4.6A 4MICROFOOT
 SI8472DB-T2-E1-A Electro-Films (EFI) / Vishay	 SI8462BB-B-IS1 Skyworks Solutions Inc. DGTL ISO 2500VRMS 6CH GP 16SOIC	 SI8501-C-IS Skyworks Solutions Inc. SENSOR CURRENT XFMR 5A AC	 SI8502-C-IM Skyworks Solutions Inc. SENSOR CURRENT XFMR 10A AC	 SI8502-C-IS Skyworks Solutions Inc. SENSOR CURRENT XFMR 10A AC	 SI8501-C-IM Skyworks Solutions Inc. SENSOR CURRENT XFMR 5A AC

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](#)