



SUM110P04-05-E3

Manufacturer Part Number	SUM110P04-05-E3
Manufacturer	Vishay / Siliconix
Allelco Part Number	32D-SUM110P04-05-E3
ECAD Model	 PCB Symbol, Footprint & 3D Mode
Parts Description	MOSFET P-CH 40V 110A TO263
Package	TO-263-3, D ² Pak (2 Leads + Tab), TO-263AB
Data sheet	SUM110P04-05.pdf
RoHs Status	 ROHS3 Compliant


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SUM110P04-05-E3 - Vishay Siliconix. New Original in Stock. Download Linear Technology SUM110P04-05-E3 datasheet/specifications on AllelcoElec.com.
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Specifications





SUM110P04-05-E3 Tech Specifications

SUM110P04-05-E3 - Vishay Siliconix technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Vishay / Siliconix	Operating Temperature	-55°C ~ 175°C (TJ)
Vgs(th) (Max) @ Id	4V @ 250µA	Mounting Type	Surface Mount
Vgs (Max)	±20V	Input Capacitance (Ciss) (Max) @ Vds	11300 pF @ 25 V
Technology	MOSFET (Metal Oxide)	Gate Charge (Qg) (Max) @ Vgs	280 nC @ 10 V
Supplier Device Package	TO-263 (D ² Pak)	FET Type	P-Channel
Series	TrenchFET®	FET Feature	-
Rds On (Max) @ Id, Vgs	5mOhm @ 20A, 10V	Drive Voltage (Max Rds On, Min Rds On)	10V
Power Dissipation (Max)	15W (Ta), 375W (Tc)	Drain to Source Voltage (Vdss)	40 V
Package / Case	TO-263-3, D ² Pak (2 Leads + Tab), TO-263AB	Current - Continuous Drain (Id) @ 25°C	110A (Tc)
Package	Tape & Reel (TR)	Base Product Number	SUM110

Parts with Similar Specifications


The three parts on the right have similar specifications to Vishay Siliconix SUM110P04-05-E3

Product Attribute	 NO PICTURE			
Part Number	SUM110P04-05-E3	SUM110P06-08L-E3	SUM110N10-09-E3	SUM110P06-07L-E3
Manufacturer	Vishay Siliconix	Vishay Siliconix	Vishay Siliconix	Vishay Siliconix
FET Feature	-	-	-	-
Vgs (Max)	±20V	±20V	±20V	±20V
Drive Voltage (Max Rds On, Min Rds On)	10V	4.5V, 10V	10V	4.5V, 10V
Drain to Source Voltage (Vdss)	40 V	60 V	100 V	60 V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Power Dissipation (Max)	15W (Ta), 375W (Tc)	3.75W (Ta), 272W (Tc)	3.75W (Ta), 375W (Tc)	3.75W (Ta), 375W (Tc)
Current - Continuous Drain (Id) @ 25°C	110A (Tc)	110A (Tc)	110A (Tc)	110A (Tc)
Input Capacitance (Ciss) (Max) @ Vds	11300 pF @ 25 V	9200 pF @ 25 V	6700 pF @ 25 V	11400 pF @ 25 V
Series	TrenchFET®	TrenchFET®	TrenchFET®	TrenchFET®
Vgs(th) (Max) @ Id	4V @ 250µA	3V @ 250µA	4V @ 250µA	3V @ 250µA
Rds On (Max) @ Id, Vgs	5mOhm @ 20A, 10V	8mOhm @ 30A, 10V	9.5mOhm @ 30A, 10V	6.9mOhm @ 30A, 10V
Supplier Device Package	TO-263 (D ² Pak)	TO-263 (D ² Pak)	TO-263 (D ² Pak)	TO-263 (D ² Pak)
Base Product Number	SUM110	SUM110	SUM110	SUM110
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Gate Charge (Qg) (Max) @ Vgs	280 nC @ 10 V	240 nC @ 10 V	160 nC @ 10 V	345 nC @ 10 V
Package / Case	TO-263-3, D ² Pak (2 Leads + Tab), TO-263AB	TO-263-3, D ² Pak (2 Leads + Tab), TO-263AB	TO-263-3, D ² Pak (2 Leads + Tab), TO-263AB	TO-263-3, D ² Pak (2 Leads + Tab), TO-263AB
Operating Temperature	-55°C ~ 175°C (TJ)	-55°C ~ 175°C (TJ)	-55°C ~ 175°C (TJ)	-55°C ~ 175°C (TJ)
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)
FET Type	P-Channel	P-Channel	N-Channel	P-Channel


SUM110P04-05-E3 Datasheet PDF

Download SUM110P04-05-E3 pdf datasheets and Vishay Siliconix documentation for SUM110P04-05-E3 - Vishay Siliconix.

Datasheets



















 SUM110P04-05.pdf
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PCN Assembly/Origin

 Assembly Site Add 9/Jun/2016.pdf
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Customers Also Interested in

Recommended Products

 SUM110P06-07L Electro-Films (EFI) / Vishay	 SUM110P04-05-E3 MOS Electro-Films (EFI) / Vishay	 SUM110P06-07L-E3 MOS Electro-Films (EFI) / Vishay	 SUM110P04-04L Electro-Films (EFI) / Vishay	 SUM110N08-07 MOS Electro-Films (EFI) / Vishay	 SUM110P06-08L-E3 Vishay Siliconix MOSFET P-CH 60V 110A TO263
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 SUM110N08-10-E3 Electro-Films (EFI) / Vishay	 SUM110N10-09 Electro-Films (EFI) / Vishay	 SUM110P04-04L-E3 Vishay Siliconix MOSFET P-CH 40V 110A TO263	 SUM110N08-07L Electro-Films (EFI) / Vishay	 SUM110P06-08L VISH	 SUM110P08-11L-E3 Vishay Siliconix MOSFET P-CH 80V 110A TO263

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.

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



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