



SI7900AEDN-T1-E3

Manufacturer Part Number	SI7900AEDN-T1-E3
Manufacturer	Vishay / Siliconix
Allelco Part Number	32D-SI7900AEDN-T1-E3
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	MOSFET 2N-CH 20V 6A 1212-8
Package	PowerPAK® 1212-8 Dual
Data sheet	SI7900AEDN.pdf
RoHs Status	ROHS3 Compliant



Get a Quote

SI7900AEDN-T1-E3 - Vishay Siliconix. New Original in Stock. Download Linear Technology SI7900AEDN-T1-E3 datasheet/specifications on AllelcoElec.com.
Request a quote for SI7900AEDN-T1-E3, please send us email: info@allelco.com

Specifications

SI7900AEDN-T1-E3 Tech Specifications
SI7900AEDN-T1-E3 - 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	900mV @ 250µA	Mounting Type	Surface Mount
Technology	MOSFET (Metal Oxide)	Input Capacitance (Ciss) (Max) @ Vds	-
Supplier Device Package	PowerPAK® 1212-8 Dual	Gate Charge (Qg) (Max) @ Vgs	16nC @ 4.5V
Series	TrenchFET®	FET Feature	Logic Level Gate
Rds On (Max) @ Id, Vgs	26mOhm @ 8.5A, 4.5V	Drain to Source Voltage (Vdss)	20V
Power - Max	1.5W	Current - Continuous Drain (Id) @ 25°C	6A
Package / Case	PowerPAK® 1212-8 Dual	Configuration	2 N-Channel (Dual) Common Drain
Package	Tape & Reel (TR)	Base Product Number	SI7900

Parts with Similar Specifications

The three parts on the right have similar specifications to Vishay Siliconix SI7900AEDN-T1-E3

Product Attribute	NO PICTURE			
Part Number	SI7900AEDN-T1-E3	SI7901EDN-T1-E3	SI7900AEDN-T1-GE3	SI7900EDN-T1
Manufacturer	Vishay Siliconix	Vishay Siliconix	Vishay Siliconix	Electro-Films (EFI) / Vishay
Gate Charge (Qg) (Max) @ Vgs	16nC @ 4.5V	18nC @ 4.5V	16nC @ 4.5V	-
Configuration	2 N-Channel (Dual) Common Drain	2 P-Channel (Dual)	2 N-Channel (Dual) Common Drain	-
Rds On (Max) @ Id, Vgs	26mOhm @ 8.5A, 4.5V	48mOhm @ 6.3A, 4.5V	26mOhm @ 8.5A, 4.5V	-
Supplier Device Package	PowerPAK® 1212-8 Dual	PowerPAK® 1212-8 Dual	PowerPAK® 1212-8 Dual	-
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	-
Input Capacitance (Ciss) (Max) @ Vds	-	-	-	-
Technology	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)	-
Power - Max	1.5W	1.3W	1.5W	-
FET Feature	Logic Level Gate	Logic Level Gate	Logic Level Gate	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	-
Current - Continuous Drain (Id) @ 25°C	6A	4.3A	6A	-
Base Product Number	SI7900	SI7901	SI7900	-
Package / Case	PowerPAK® 1212-8 Dual	PowerPAK® 1212-8 Dual	PowerPAK® 1212-8 Dual	-
Series	TrenchFET®	TrenchFET®	TrenchFET®	-
Drain to Source Voltage (Vdss)	20V	20V	20V	-
Vgs(th) (Max) @ Id	900mV @ 250µA	1V @ 800µA	900mV @ 250µA	-

SI7900AEDN-T1-E3 Datasheet PDF

Download SI7900AEDN-T1-E3 pdf datasheets and Vishay Siliconix documentation for SI7900AEDN-T1-E3 - Vishay Siliconix.

Datasheets

[SI7900AEDN.pdf](#)

PCN Assembly/Origin

[New Solder Plating Site 18/Apr/2023.pdf](#)

Customers Also Interested in

Recommended Products



SI7900EDN-T1

Electro-Films (EFI) / Vishay

SI7898DP-T1

VIHS

SI7901EDN-T1

Electro-Films (EFI) / Vishay

SI7898DP

SI

SI7894DP-T1-GE3

Electro-Films (EFI) / Vishay

SI7898DP-T1-GE3 MOS

Electro-Films (EFI) / Vishay



SI7900EDN

SI

SI7902EDN-T1-E3

Electro-Films (EFI) / Vishay

SI7900ADN

SI

SI7898DP-T1-E3

Vishay Siliconix
MOSFET N-CH 150V 3A PPAK SO-8

SI7900AEDN-T1

Electro-Films (EFI) / Vishay

SI7898DP-T1-GE3

Vishay Siliconix
MOSFET N-CH 150V 3A PPAK SO-8



SI7901EDN-T1-E3

Vishay Siliconix
MOSFET 2P-CH 20V 4.3A 1212-8

SI7900EDN-T1-E3

Electro-Films (EFI) / Vishay

SI7900AEDN

SI

SI7898DP-T1-E3 MOS

Electro-Films (EFI) / Vishay

SI7900AEDN-T1-E3 MOS

Electro-Films (EFI) / Vishay

SI7900AEDN-T1-GE3

Vishay Siliconix
MOSFET 2N-CH 20V 6A PPAK 1212-8

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.

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 +00852 9146 4856 info@allelco.com

Certifications & Memberships



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