



A6280EESTR-T Information



For Reference Only

Part Number A6280EESTR-T

Manufacturer Allegro MicroSystems, LLC

Category Integrated Circuits (ICs)
PMIC - LED Drivers

Description IC LED DRIVER LINEAR DIM 16QFN

Package 16-WFQFN Exposed Pad

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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A6280EESTR-T Specifications

Manufacturer Allegro MicroSystems, LLC Category Integrated Circuits (ICs) PMIC - LED Drivers Package 16-WFQFN Exposed Pad Series - Type Linear Topology Shift Register Internal Switch(s) Yes Number of Outputs 3 Voltage - Supply (Min) 4.75V Voltage - Supply (Max) 17V Voltage - Output 1 V ~ 3 V Current - Output / Channel Frequency 5MHz Dimming PWM Applications Operating Temperature 40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case 16-WFQFN Exposed Pad		
Category Integrated Circuits (ICs) PMIC - LED Drivers Package 16-WFQFN Exposed Pad Series - Type Linear Topology Shift Register Internal Switch(s) Yes Number of Outputs 3 Voltage - Supply (Min) 4.75 V Voltage - Supply (Max) 17 V Voltage - Output 1 V ~ 3 V Current - Output / Channel 150mA Frequency 5MHz Dimming PWM Applications Lighting Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case 16-WFQFN Exposed Pad Supplier Device Package 16-QFN/MLP (3x3)	Manufacturer Part Number	A6280EESTR-T
PMIC - LED Drivers	Manufacturer	Allegro MicroSystems, LLC
Package 16-WFQFN Exposed Pad Series - Type Linear Topology Shift Register Internal Switch(s) Yes Number of Outputs 3 Voltage - Supply (Min) 4.75V Voltage - Supply (Max) 17V Voltage - Output 1 V ~ 3 V Current - Output / Channel 150mA Frequency 5MHz Dimming PWM Applications PWM Applications Lighting Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case 16-WFQFN Exposed Pad Supplier Device Package 16-QFN/MLP (3x3)	Category	Integrated Circuits (ICs)
Series - Type Linear Topology Shift Register Internal Switch(s) Yes Number of Outputs 3 Voltage - Supply (Min) 4.75 V Voltage - Supply (Max) 17V Voltage - Output 1 V ~ 3 V Current - Output / Channel 150mA Frequency 5MHz Dimming PWM Applications Lighting Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case 16-WFQFN Exposed Pad Supplier Device Package 16-QFN/MLP (3x3)		PMIC - LED Drivers
Type Linear Topology Shift Register Internal Switch(s) Yes Number of Outputs 3 Voltage - Supply (Min) 4.75V Voltage - Supply (Max) 17V Voltage - Output 1 V ~ 3 V Current - Output / Channel 150mA Frequency 5MHz Dimming PWM Applications Lighting Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case 16-WFQFN Exposed Pad Supplier Device Package 16-QFN/MLP (3x3)	Package	16-WFQFN Exposed Pad
Topology	Series	-
Internal Switch(s) Number of Outputs 3 Voltage - Supply (Min) 4.75V Voltage - Supply (Max) 17V Voltage - Output 1 V ~ 3 V Current - Output / Channel Frequency 5MHz Dimming PWM Applications Operating Temperature 40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case 16-WFQFN Exposed Pad Supplier Device Package 16-QFN/MLP (3x3)	Туре	Linear
Number of Outputs Voltage - Supply (Min) Voltage - Supply (Max) 17V Voltage - Output 1 V ~ 3 V Current - Output / Channel Frequency 5MHz Dimming PWM Applications Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case 16-WFQFN Exposed Pad Supplier Device Package	Topology	Shift Register
Voltage - Supply (Min) Voltage - Supply (Max) 17V Voltage - Output 1 V ~ 3 V Current - Output / Channel Frequency 5MHz Dimming PWM Applications Lighting Operating Temperature 40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case 16-WFQFN Exposed Pad Supplier Device Package 16-QFN/MLP (3x3)	Internal Switch(s)	Yes
Voltage - Supply (Max) Voltage - Output 1 V ~ 3 V Current - Output / Channel 150mA Frequency 5MHz Dimming PWM Applications Lighting Operating Temperature 40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case 16-WFQFN Exposed Pad Supplier Device Package	Number of Outputs	3
Voltage - Output Current - Output / Channel Frequency 5MHz Dimming PWM Applications Current - Output / Channel Eighting Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case 16-WFQFN Exposed Pad Supplier Device Package 16-QFN/MLP (3x3)	Voltage - Supply (Min)	4.75V
Current - Output / Channel Frequency 5MHz Dimming PWM Applications Lighting Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case 16-WFQFN Exposed Pad Supplier Device Package 16-QFN/MLP (3x3)	Voltage - Supply (Max)	17V
Frequency 5MHz Dimming PWM Applications Lighting Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case 16-WFQFN Exposed Pad Supplier Device Package 16-QFN/MLP (3x3)	Voltage - Output	1 V ~ 3 V
Dimming PWM Applications Lighting Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case 16-WFQFN Exposed Pad Supplier Device Package 16-QFN/MLP (3x3)	Current - Output / Channel	150mA
Applications Lighting Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case 16-WFQFN Exposed Pad Supplier Device Package 16-QFN/MLP (3x3)	Frequency	5MHz
Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount 16-WFQFN Exposed Pad Supplier Device Package 16-QFN/MLP (3x3)	Dimming	PWM
Mounting Type Surface Mount Package / Case 16-WFQFN Exposed Pad Supplier Device Package 16-QFN/MLP (3x3)	Applications	Lighting
Package / Case 16-WFQFN Exposed Pad Supplier Device Package 16-QFN/MLP (3x3)	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package 16-QFN/MLP (3x3)	Mounting Type	Surface Mount
	Package / Case	16-WFQFN Exposed Pad
Report errors?	Supplier Device Package	16-QFN/MLP (3x3)
		Report errors?

A6280EESTR-T Guarantees



Quality Guarantees

We provide 90 days warranty. *

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

A6280EESTR-T Payment Methods





















A6280EESTR-T Shipping Methods













If you have any question about A6280EESTR-T, please do not hesitate to contact us!

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