



XRP7603EDB-F Information



For Reference Only

Part Number XRP7603EDB-F
Manufacturer Exar Corporation
Category Integrated Circuits (ICs)
PMIC - LED Drivers

DescriptionIC LED DRIVER RGLTR DIM 8HSOICPackage8-SOIC (0.154", 3.90mm Width) 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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Manufacturer Part Number XRP7603EDB-F Manufacturer Exar Corporation Category Integrated Circuits (ICs) Package 8-SOIC (0.154", 3.90mm Width) Exposed Pad Series - Type DC DC Regulator Topology Step-Down (Buck) Internal Switch(s) Yes Number of Outputs 1 Voltage - Supply (Min) 4.5V Voltage - Supply (Max) 29V Voltage - Output - Current - Output / Channel 500mA Frequency 1.2MHz Dimming Analog, PWM Applications Lighting Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Exposed Pad	•		
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Series - DC DC Regulator Topology Step-Down (Buck) Internal Switch(s) Yes Number of Outputs 1 Voltage - Supply (Min) 4.5V Voltage - Supply (Max) 29V Voltage - Output - Current - Output / Channel 500mA Frequency 1.2MHz Dimming Analog, PWM Applications Lighting Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount		PMIC - LED Drivers	
Type DC DC Regulator Topology Step-Down (Buck) Internal Switch(s) Yes Number of Outputs 1 Voltage - Supply (Min) 4.5V Voltage - Supply (Max) 29V Voltage - Output - Current - Output / Channel 500mA Frequency 1.2MHz Dimming Analog, PWM Applications Lighting Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount	Package	8-SOIC (0.154", 3.90mm Width) Exposed Pad	
Topology Internal Switch(s) Yes Number of Outputs 1 Voltage - Supply (Min) Voltage - Supply (Max) 29V Voltage - Output - Current - Output / Channel Frequency 1.2MHz Dimming Analog, PWM Applications Uighting Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount	Series	-	
Internal Switch(s) Number of Outputs 1 Voltage - Supply (Min) Voltage - Supply (Max) Voltage - Output - Current - Output / Channel Frequency 1.2MHz Dimming Analog, PWM Applications Lighting Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount	Туре	DC DC Regulator	
Number of Outputs Voltage - Supply (Min) 4.5V Voltage - Supply (Max) 29V Voltage - Output - Current - Output / Channel Frequency 1.2MHz Dimming Analog, PWM Applications Uighting Operating Temperature -40°C ~ 125°C (TJ) Mounting Type	Topology	Step-Down (Buck)	
Voltage - Supply (Min) Voltage - Supply (Max) 29V Voltage - Output Current - Output / Channel Frequency 1.2MHz Dimming Analog, PWM Applications Uighting Operating Temperature 40°C ~ 125°C (TJ) Mounting Type Surface Mount	Internal Switch(s)	Yes	
Voltage - Supply (Max)29VVoltage - Output-Current - Output / Channel500mAFrequency1.2MHzDimmingAnalog, PWMApplicationsLightingOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface Mount	Number of Outputs	1	
Voltage - Output Current - Output / Channel 500mA Frequency 1.2MHz Dimming Analog, PWM Applications Lighting Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount	Voltage - Supply (Min)	4.5V	
Current - Output / Channel 500mA Frequency 1.2MHz Dimming Analog, PWM Applications Lighting Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount	Voltage - Supply (Max)	29V	
Frequency 1.2MHz Dimming Analog, PWM Applications Lighting Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount	Voltage - Output	-	
DimmingAnalog, PWMApplicationsLightingOperating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ (TJ)Mounting TypeSurface Mount	Current - Output / Channel	500mA	
Applications Lighting Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C} \text{ (TJ)}$ Mounting Type Surface Mount	Frequency	1.2MHz	
Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C} \text{ (TJ)}$ Mounting Type Surface Mount	Dimming	Analog, PWM	
Mounting Type Surface Mount	Applications	Lighting	
	Operating Temperature	-40°C ~ 125°C (TJ)	
Package / Case 8-SOIC (0.154", 3.90mm Width) Exposed Pad	Mounting Type	Surface Mount	
	Package / Case	8-SOIC (0.154", 3.90mm Width) Exposed Pad	
Supplier Device Package 8-HSOICN	Supplier Device Package	8-HSOICN	
Report errors?		Report errors?	

XRP7603EDB-F 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.

XRP7603EDB-F Payment Methods





















XRP7603EDB-F Shipping Methods













If you have any question about XRP7603EDB-F, please do not hesitate to contact us!

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