



TPS61300YFFT Information



For Reference Only

Part Number TPS61300YFFT

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)
PMIC - LED Drivers

Description IC LED DRIVER RGLTR DIM 20DSBGA

Package 20-UFBGA, DSBGA

For the pricing/inventory/lead time, please contact

us

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



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TPS61300YFFT Specifications

Manufacturer Part Number Manufacturer Texas Instruments Integrated Circuits (ICs) PMIC - LED Drivers Package 20-UFBGA, DSBGA Series Type DC DC Regulator Topology Internal Switch(s) Yes Number of Outputs 3 Voltage - Supply (Min) 2.5V Voltage - Supply (Max) Voltage - Output Current - Output / Channel Frequency Dimming I2C Applications Operating Temperature Mounting Type Integrated Circuits (ICs) PMIC - LED Drivers 20-UFBGA, DSBGA Step-Up (Boost) Step	*	
Category Integrated Circuits (ICs) PMIC - LED Drivers Package 20-UFBGA, DSBGA Series - Type DC DC Regulator Topology Step-Up (Boost) Internal Switch(s) Yes Number of Outputs 3 Voltage - Supply (Min) 2.5V Voltage - Supply (Max) 5.5V Voltage - Output 5.7V Current - Output / Channel 400mA, 800mA (Flash) Frequency 1.92MHz Dimming 12C Applications Camera Flash Operating Temperature -40°C ~ 85°C (TA)	Manufacturer Part Number	TPS61300YFFT
Package 20-UFBGA, DSBGA Series - Type DC DC Regulator Topology Step-Up (Boost) Internal Switch(s) Yes Number of Outputs 3 Voltage - Supply (Min) 2.5V Voltage - Supply (Max) 5.5V Voltage - Output 5.7V Current - Output / Channel 400mA, 800mA (Flash) Frequency 1.92MHz Dimming 12C Applications Camera Flash Operating Temperature -40°C ~ 85°C (TA)	Manufacturer	Texas Instruments
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Series - Type DC DC Regulator Topology Step-Up (Boost) Internal Switch(s) Yes Number of Outputs 3 Voltage - Supply (Min) 2.5V Voltage - Supply (Max) 5.5V Voltage - Output 5.7V Current - Output / Channel 400mA, 800mA (Flash) Frequency 1.92MHz Dimming 12C Applications Camera Flash Operating Temperature - 40°C ~ 85°C (TA)		PMIC - LED Drivers
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Topology Internal Switch(s) Yes Number of Outputs 3 Voltage - Supply (Min) Voltage - Supply (Max) Voltage - Output 5.7V Current - Output / Channel Frequency 1.92MHz Dimming I2C Applications Operating Temperature Step-Up (Boost) Yes 40 About (Boost) 1.92WH 2.5V Current - Output / Channel 400mA, 800mA (Flash) 1.92MHz Camera Flash -40°C ~ 85°C (TA)	Series	-
Internal Switch(s) Number of Outputs 3 Voltage - Supply (Min) Voltage - Supply (Max) Voltage - Output 5.7V Current - Output / Channel Frequency Dimming I2C Applications Operating Temperature Yes 3 Yes 40 40 40 40 40 40 40 40 40 4	Туре	DC DC Regulator
Number of Outputs3Voltage - Supply (Min)2.5VVoltage - Supply (Max)5.5VVoltage - Output5.7VCurrent - Output / Channel400mA, 800mA (Flash)Frequency1.92MHzDimmingI2CApplicationsCamera FlashOperating Temperature-40°C ~ 85°C (TA)	Topology	Step-Up (Boost)
Voltage - Supply (Min) 2.5V Voltage - Supply (Max) 5.5V Voltage - Output 5.7V Current - Output / Channel 400mA, 800mA (Flash) Frequency 1.92MHz Dimming 12C Applications Camera Flash Operating Temperature -40°C ~ 85°C (TA)	Internal Switch(s)	Yes
Voltage - Supply (Max) Voltage - Output 5.7V Current - Output / Channel 400mA, 800mA (Flash) Frequency 1.92MHz Dimming 12C Applications Camera Flash Operating Temperature 5.7V Current - Output / Channel 400mA, 800mA (Flash) 1.92MHz 1.92MHz 1.92C	Number of Outputs	3
Voltage - Output Current - Output / Channel 400mA, 800mA (Flash) Frequency 1.92MHz Dimming I2C Applications Camera Flash Operating Temperature 5.7V 400mA, 800mA (Flash) 1.92MHz 1.92MHz 1.92C	Voltage - Supply (Min)	2.5V
Current - Output / Channel $400 \text{mA}, 800 \text{mA}$ (Flash)Frequency 1.92MHz Dimming 12C ApplicationsCamera FlashOperating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ (TA)	Voltage - Supply (Max)	5.5V
Frequency 1.92MHz Dimming I2C Applications Camera Flash Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C} \text{ (TA)}$	Voltage - Output	5.7V
DimmingI2CApplicationsCamera FlashOperating Temperature -40° C ~ 85° C (TA)	Current - Output / Channel	400mA, 800mA (Flash)
Applications Camera Flash Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C} \text{ (TA)}$	Frequency	1.92MHz
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C} \text{ (TA)}$	Dimming	I2C
	Applications	Camera Flash
Mounting Type Surface Mount	Operating Temperature	-40°C ~ 85°C (TA)
Surface Would	Mounting Type	Surface Mount
Package / Case 20-UFBGA, DSBGA	Package / Case	20-UFBGA, DSBGA
Supplier Device Package 20-DSBGA	Supplier Device Package	20-DSBGA
Report errors?		Report errors?

TPS61300YFFT 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.

TPS61300YFFT Payment Methods



















TPS61300YFFT Shipping Methods













If you have any question about TPS61300YFFT, please do not hesitate to contact us!

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