



## **TPS61061YZFT Information**



For Reference Only

Part Number TPS61061YZFT

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)
PMIC - LED Drivers

**Description** IC LED DRIVER RGLTR DIM 8DSBGA

Package 8-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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### **TPS61061YZFT Specifications**

Manufacturer Part Number         TPS61061 YZFT           Manufacturer         Texas Instruments           Category         Integrated Circuits (ICs)           PMIC - LED Drivers           Package         8-UFBGA, DSBGA           Series         -           Type         DC DC Regulator           Topology         Step-Up (Boost)           Internal Switch(s)         Yes           Number of Outputs         1           Voltage - Supply (Min)         2.7V           Voltage - Supply (Max)         6V           Voltage - Output         18.5V           Current - Output / Channel         400mA (Switch)           Frequency         1MHz           Dimming         PWM           Applications         Backlight           Operating Temperature         -40°C ~ 85°C (TA)           Mounting Type         Surface Mount           Package / Case         8-UFBGA, DSBGA           Supplier Device Package         8-DSBGA	*	
CategoryIntegrated Circuits (ICs)Package8-UFBGA, DSBGASeries-TypeDC DC RegulatorTopologyStep-Up (Boost)Internal Switch(s)YesNumber of Outputs1Voltage - Supply (Min)2.7VVoltage - Supply (Max)6VVoltage - Output18.5VCurrent - Output / Channel400mA (Switch)Frequency1MHzDimmingPWMApplicationsBacklightOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case8-UFBGA, DSBGASupplier Device Package8-DSBGA	Manufacturer Part Number	TPS61061YZFT
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Series - Type DC DC Regulator Topology Step-Up (Boost) Internal Switch(s) Yes Number of Outputs 1 Voltage - Supply (Min) 2.7V Voltage - Supply (Max) 6V Voltage - Output 18.5V Current - Output / Channel 400mA (Switch) Frequency 1MHz Dimming PWM Applications Backlight Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case 8-UFBGA, DSBGA Supplier Device Package		PMIC - LED Drivers
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Topology Step-Up (Boost)  Internal Switch(s) Yes  Number of Outputs 1  Voltage - Supply (Min) 2.7V  Voltage - Supply (Max) 6V  Voltage - Output 18.5V  Current - Output / Channel 400mA (Switch)  Frequency 1MHz  Dimming PWM  Applications Backlight  Operating Temperature -40°C ~ 85°C (TA)  Mounting Type Surface Mount  Package / Case 8-UFBGA, DSBGA  Supplier Device Package 8-DSBGA	Series	-
Internal Switch(s)  Number of Outputs  1  Voltage - Supply (Min)  2.7V  Voltage - Supply (Max)  6V  Voltage - Output  18.5V  Current - Output / Channel  Frequency  1MHz  Dimming  Applications  Backlight  Operating Temperature  40°C ~ 85°C (TA)  Mounting Type  Surface Mount  Package / Case  8-UFBGA, DSBGA  Supplier Device Package	Type	DC DC Regulator
Number of Outputs  Voltage - Supply (Min)  2.7V  Voltage - Supply (Max)  6V  Voltage - Output  18.5V  Current - Output / Channel  Frequency  1MHz  Dimming  PWM  Applications  Backlight  Operating Temperature  -40°C ~ 85°C (TA)  Mounting Type  Surface Mount  Package / Case  Supplier Device Package  8-DSBGA	Topology	Step-Up (Boost)
Voltage - Supply (Min)  Voltage - Supply (Max)  Voltage - Output  18.5V  Current - Output / Channel  Frequency  1MHz  Dimming  PWM  Applications  Operating Temperature  -40°C ~ 85°C (TA)  Mounting Type  Surface Mount  Package / Case  8-UFBGA, DSBGA  Supplier Device Package	Internal Switch(s)	Yes
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Voltage - Output  Current - Output / Channel  Frequency  IMHz  Dimming  PWM  Applications  Applications  Operating Temperature  -40°C ~ 85°C (TA)  Mounting Type  Surface Mount  Package / Case  8-UFBGA, DSBGA  Supplier Device Package	Voltage - Supply (Min)	2.7V
Current - Output / Channel 400mA (Switch)  Frequency 1MHz  Dimming PWM  Applications Backlight  Operating Temperature -40°C ~ 85°C (TA)  Mounting Type Surface Mount  Package / Case 8-UFBGA, DSBGA  Supplier Device Package 8-DSBGA	Voltage - Supply (Max)	6V
Frequency Dimming PWM Applications Backlight Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case 8-UFBGA, DSBGA Supplier Device Package	Voltage - Output	18.5V
DimmingPWMApplicationsBacklightOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case8-UFBGA, DSBGASupplier Device Package8-DSBGA	Current - Output / Channel	400mA (Switch)
Applications  Operating Temperature  -40°C ~ 85°C (TA)  Mounting Type  Surface Mount  Package / Case  8-UFBGA, DSBGA  Supplier Device Package  8-DSBGA	Frequency	1MHz
Operating Temperature  -40°C ~ 85°C (TA)  Mounting Type  Surface Mount  Package / Case  8-UFBGA, DSBGA  Supplier Device Package  8-DSBGA	Dimming	PWM
Mounting Type Surface Mount Package / Case 8-UFBGA, DSBGA Supplier Device Package 8-DSBGA	Applications	Backlight
Package / Case 8-UFBGA, DSBGA Supplier Device Package 8-DSBGA	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package 8-DSBGA	Mounting Type	Surface Mount
	Package / Case	8-UFBGA, DSBGA
Report errors?	Supplier Device Package	8-DSBGA
		Report errors?

#### **TPS61061YZFT 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.

### **TPS61061YZFT Payment Methods**



















### **TPS61061YZFT Shipping Methods**













If you have any question about TPS61061YZFT, please do not hesitate to contact us!

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