

# LYT2005E

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## LYT2005E Information



For Reference Only

Part Number	LYT2005E	
Manufacturer	Power Integrations	
Category	Integrated Circuits (ICs) PMIC - LED Drivers	
Description	IC LED DRIVER OFFL 550MA ESIP-7C	
Package	7-SIP, 6 Leads, Exposed Pad, Formed Leads	
	For the pricing/inventory/lead time, please contact us Website: https://www.heisener.com E-mail: salesdept@heisener.com	

# **Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.



# LYT2005E Specifications

Manufacturer Part Number   LYT2005E     Manufacturer   Power Integrations     Category   Integrated Circuits (ICs)     PMIC - LED Drivers   PMIC - LED Drivers     Package   7-SIP, 6 Leads, Exposed Pad, Formed Leads     Series   LYTSwitch?-2     Type   AC DC Offline Switcher     Topology   Hyback     Number of Outputs   Yes     Voltage - Supply (Min)   90VAC     Voltage - Output   -     Voltage - Output   -     Voltage - Output   500MA     Prequency   SolokHz     Dimming   -     Applications   Lipting     Operating Temperature   -40°C ~ 150°C (TJ)     Monting Type   Finough Hole     Package / Case   SiP, 6 Leads, Exposed Pad, Formed Leads		
CategoryIntegrated Circuits (ICs)PMIC - LED DriversPackage7-SIP, 6 Leads, Exposed Pad, Formed LeadsSeriesLYTSwitch?-2TypeAC DC Offline SwitcherTopologyFlybackInternal Switch(s)YesNuber of Outputs90VACVoltage - Supply (Min)308VACVoltage - Output / Channel50mAFrequency50mADimming-ApplicationsLightingOperating Temperature-ApplicationsSing HolePackage / CaseSNP, 6 Leads, Exposed Pad, Formed LeadsSupplier Device PackageSIP-7C	Manufacturer Part Number	LYT2005E
PMC - LED DriversPackage7-SIP, 6 Leads, Exposed Pad, Formed LeadsSeriesLYTSwitch?-2TypeAC DC Offline SwitcherTopologyFlybackInternal Switch(s)YesNumber of Outputs1Voltage - Supply (Min)90VACVoltage - Supply (Max)308VACVoltage - Output-Current - Output / Channel550mAFrequencyS80kHzDimming-ApplicationsLightingOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / CaseS1P-7C	Manufacturer	Power Integrations
Package7-SIP, 6 Leads, Exposed Pad, Formed LeadsSeriesLYTSwitch?-2TypeAC DC Offline SwitcherTopologyFlybackInternal Switch(s)YesNumber of OutputsIVoltage - Supply (Man)90VACVoltage - Output-Voltage - Output / Channel50mAFrequency580kHzDimming-ApplicationsLightingOperating Temperature-40°C ~ 150°C (TJ)Mounting Type-SIP, 6 Leads, Exposed Pad, Formed LeadsPackage / CaseSiP-7C	Category	Integrated Circuits (ICs)
SeriesLYTSwitch?-2TypeAC DC Offline SwitcherTopologyFlybackInternal Switch(s)YesNumber of Outputs1Voltage - Supply (Min)90VACVoltage - Supply (Max)308VACVoltage - Output-Current - Output / Channel550mAFrequency580kHzDimming-ApplicationsLightingOperating Temperature-40°C ~ 150°C (TJ)Mounting Type7SIP, 6 Leads, Exposed Pad, Formed LeadsSupplier Device PackageSIP-7C		PMIC - LED Drivers
TypeAC DC Offline SwitcherTopologyFlybackInternal Switch(s)YesNumber of Outputs1Voltage - Supply (Min)90VACVoltage - Supply (Max)308VACVoltage - Output-Current - Output / Channel50mAFrequency580kHzDinming-ApplicationsLightingOperating Temperature-40°C ~150°C (TJ)Mounting Type-SIP, 6 Leads, Exposed Pad, Formed LeadsPackage / CaseSIP/C	Package	7-SIP, 6 Leads, Exposed Pad, Formed Leads
Topology   Flyback     Topology   Flyback     Internal Switch(s)   Yes     Number of Outputs   1     Voltage - Supply (Min)   90VAC     Voltage - Supply (Max)   308VAC     Voltage - Output   -     Current - Output / Channel   550mA     Frequency   580kHz     Dimming   -     Applications   Lighting     Operating Temperature   -40°C ~150°C (TJ)     Mounting Type   Through Hole     Package / Case   7-SIP, 6 Leads, Exposed Pad, Formed Leads     Supplier Device Package   eSIP-7C	Series	LYTSwitch?-2
Internal Switch(s)YesNumber of Outputs1Voltage - Supply (Min)90VACVoltage - Supply (Max)308VACVoltage - Output-Current - Output / Channel550mAFrequency580kHzDinming-ApplicationsLightingOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / CaseSIP-7C	Туре	AC DC Offline Switcher
Number of OutputsIVoltage - Supply (Min)90VACVoltage - Supply (Max)308VACVoltage - Output-Current - Output / Channel50mAFrequency580kHzDimming-ApplicationsIghtingOperating Temperature-Mounting TypeThrough HolePackage / Case-SIP, 6 Leads, Exposed Pad, Formed LeadsSupplier Device PackageeSIP-7C	Topology	Flyback
Voltage - Supply (Min)90VACVoltage - Supply (Max)308VACVoltage - Output-Current - Output / Channel550mAFrequency580kHzDinming-ApplicationsLightingOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / Case7.SIP, 6 Leads, Exposed Pad, Formed LeadsSupplier Device PackageeSIP-7C	Internal Switch(s)	Yes
Voltage - Supply (Max)308VACVoltage - Output-Current - Output / Channel550mAFrequency580kHzDinming-ApplicationsLightingOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / Case7-SIP, 6 Leads, Exposed Pad, Formed LeadsSupplier Device PackageSIP-7C	Number of Outputs	1
Voltage - Output-Current - Output / Channel550mAFrequency580kHzDimming-ApplicationsLightingOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / Case7-SIP, 6 Leads, Exposed Pad, Formed LeadsSupplier Device PackageeSIP-7C	Voltage - Supply (Min)	90VAC
Current - Output / Channel550mAFrequency580kHzDimming-ApplicationsLightingOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / Case7-SIP, 6 Leads, Exposed Pad, Formed LeadsSupplier Device PackageeSIP-7C	Voltage - Supply (Max)	308VAC
Frequency580kHzDimming-ApplicationsLightingOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / Case7-SIP, 6 Leads, Exposed Pad, Formed LeadsSupplier Device PackageeSIP-7C	Voltage - Output	-
Dimming-ApplicationsLightingOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / Case7-SIP, 6 Leads, Exposed Pad, Formed LeadsSupplier Device PackageeSIP-7C	Current - Output / Channel	550mA
ApplicationsLightingOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / Case7-SIP, 6 Leads, Exposed Pad, Formed LeadsSupplier Device PackageeSIP-7C	Frequency	580kHz
Operating Temperature-40°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / Case7-SIP, 6 Leads, Exposed Pad, Formed LeadsSupplier Device PackageeSIP-7C	Dimming	-
Mounting TypeThrough HolePackage / Case7-SIP, 6 Leads, Exposed Pad, Formed LeadsSupplier Device PackageeSIP-7C	Applications	Lighting
Package / Case7-SIP, 6 Leads, Exposed Pad, Formed LeadsSupplier Device PackageeSIP-7C	Operating Temperature	-40°C ~ 150°C (TJ)
Supplier Device Package eSIP-7C	Mounting Type	Through Hole
	Package / Case	7-SIP, 6 Leads, Exposed Pad, Formed Leads
Deport errors?	Supplier Device Package	eSIP-7C
Report errors:		Report errors?

### LYT2005E 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.

# LYT2005E Payment Methods Image: State of the state of the

If you have any question about LYT2005E, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com