

AL9901S16-13



Part Number: [AL9901S16-13](#)

Manufacturer: [Diodes Incorporated](#)

Description: IC LED DRIVER OFFLINE SO16

Data sheet:  [AL9901 Datasheet](#)
 [AL9901 Announcement](#)

RoHs Status: Lead free / RoHS Compliant

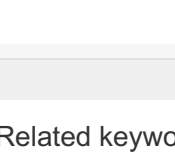
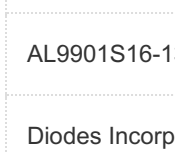
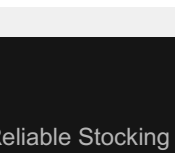
Ship From: Hong Kong

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PRODUCT PARAMETER		
Part Number	AL9901S16-13	Manufacturer Diodes Incorporated
Description	IC LED DRIVER OFFLINE SO16	Lead Free Status / RoHS Status Lead free / RoHS Compliant
Quantity Available	90358 pcs	Data sheet AL9901 Datasheet AL9901 Announcement
Category	Integrated Circuits (ICs)	Voltage - Supply (Min) 15V
Voltage - Supply (Max)	500V	Voltage - Output 7.5V
Type	AC DC Offline Switcher	Topology Step-Down (Buck)
Supplier Device Package	16-SO	Series -
Packaging	Tape & Reel (TR)	Package / Case 16-SOIC (0.154", 3.90mm Width)
Other Names	AL9901S16-13DITR	Operating Temperature -40°C ~ 85°C (TA)
Number of Outputs	1	Mounting Type Surface Mount
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Manufacturer Standard Lead Time 16 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Internal Switch(s) Yes
Frequency	300kHz	Dimming Analog, PWM
Detailed Description	LED Driver IC 1 Output AC DC Offline Switcher Step-Down (Buck) Analog, PWM Dimming 400mA (Switch) 16-SO	Current - Output / Channel 400mA (Switch)
Applications	Backlight, Lighting, Signage	
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RELATED PRODUCTS		
	Part#: AL9910AEV2 Description: EVAL BOARD FOR AL9910A	Manufacturers: Diodes Incorporated RFQ
	Part#: AL9901EV1 Description: EVAL BOARD FOR AL9901	Manufacturers: Diodes Incorporated RFQ
	Part#: AL9910EV5 Description: EVAL BOARD T8 LED DVR 240MA	Manufacturers: Diodes Incorporated RFQ
	Part#: AL9910AS-13 Description: IC LED DRIVER OFFLINE DIM 8SO	Manufacturers: Diodes Incorporated RFQ
	Part#: AL9910-5SP-13 Description: IC LED DRIVER OFFLINE DIM 8SO	Manufacturers: Diodes Incorporated RFQ
	Part#: AL9910-5S-13 Description: IC LED DRIVER OFFLINE DIM 8SO	Manufacturers: Diodes Incorporated RFQ
	Part#: AL9902FDF-13 Description: IC LED OFFLINE DRIVER 12UDFN	Manufacturers: Diodes Incorporated RFQ
	Part#: AL9910A-5SP-13 Description: IC LED DRIVER OFFLINE DIM 8SO	Manufacturers: Diodes Incorporated RFQ
	Part#: AL9910A-5S-13 Description: IC LED DRIVER OFFLINE DIM 8SO	Manufacturers: Diodes Incorporated RFQ
	Part#: AL9A Description: CBL CLAMP P-TYPE SILVER FASTENER	Manufacturers: Essentra Components RFQ
	Part#: FL6300AMY Description: IC LED DRIVER CTRLR DIM 8SOP	Manufacturers: AMI Semiconductor / ON Semiconductor RFQ
	Part#: AL9910ASP-13 Description: IC LED DRIVER OFFLINE DIM 8SO	Manufacturers: Diodes Incorporated RFQ
	Part#: AL9901FDF-13 Description: IC LED DRIVER OFFLINE U-DFN6040-	Manufacturers: Diodes Incorporated RFQ
	Part#: AL9910SP-13 Description: IC LED DRIVER OFFLINE DIM 8SO	Manufacturers: Diodes Incorporated RFQ
	Part#: AL9902S16-13 Description: IC LED OFFLINE DRIVER 16SOIC	Manufacturers: Diodes Incorporated RFQ
	Part#: AL9910AEV1 Description: EVAL BOARD FOR AL9910A	Manufacturers: Diodes Incorporated RFQ
	Part#: AL9901EV2 Description: EVAL BOARD FOR AL9901	Manufacturers: Diodes Incorporated RFQ
	Part#: AL9910EV4 Description: EVAL BOARD T8 LED DVR 180MA	Manufacturers: Diodes Incorporated RFQ
	Part#: AL9910S-13 Description: IC LED DRIVER OFFLINE DIM 8SO	Manufacturers: Diodes Incorporated RFQ
	Part#: AL9910EV6 Description: 110V ISOLATED LED DRIV ER 8-15W	Manufacturers: Diodes Incorporated RFQ

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