



### **ALD212900PAL Information**

ne ener.com

For Reference Only

Part Number ALD212900PAL

Manufacturer Advanced Linear Devices Inc.

Category Discrete Semiconductor Products
Transistors - FETs, MOSFETs - Arrays

**Description** MOSFET 2N-CH 10.6V 0.08A 8DIP

**Package** 8-DIP (0.300", 7.62mm)

For the pricing/inventory/lead time, please contact

us

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



Request a Quote

## **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.









# **ALD212900PAL Specifications**

Manufacturer Part NumberALD212900PALManufacturerAdvanced Linear Devices Inc.CategoryDiscrete Semiconductor ProductsTransistors - FETs, MOSFETs - ArraysPackage8-DIP (0.300", 7.62mm)SeriesEPAD?, Zero Threshold?FET Type2 N-Channel (Dual) Matched PairFET FeatureLogic Level GateDrain to Source Voltage (Vdss)10.6VCurrent - Continuous Drain (Id) @ 25°C80mARds On (Max) @ Id, Vgs14 OhmVgs(th) (Max) @ Id20mV @ 20µAGate Charge (Qg) (Max) @ Vgs-Input Capacitance (Ciss) (Max) @ Vds30pF @ 5VPower - Max500mWOperating Temperature0°C ~ 70°C (TJ)Mounting TypeThrough HolePackage / Case8-DIP (0.300", 7.62mm)Supplier Device Package8-PDIP	•	
Category  Discrete Semiconductor Products  Transistors - FETs, MOSFETs - Arrays  8-DIP (0.300", 7.62mm)  Series  EPAD?, Zero Threshold?  FET Type  2 N-Channel (Dual) Matched Pair  FET Feature  Logic Level Gate  Drain to Source Voltage (Vdss)  10.6V  Current - Continuous Drain (Id) @ 25°C  80mA  Rds On (Max) @ Id, Vgs  14 Ohm  Vgs(th) (Max) @ Id  Cate Charge (Qg) (Max) @ Vgs  - Input Capacitance (Ciss) (Max) @ Vds  Power - Max  Operating Temperature  Mounting Type  Through Hole  Package / Case  8-DIP (0.300", 7.62mm)  Supplier Device Package	Manufacturer Part Number	ALD212900PAL
Package8-DIP (0.300", 7.62mm)SeriesEPAD?, Zero Threshold?FET Type2 N-Channel (Dual) Matched PairFET FeatureLogic Level GateDrain to Source Voltage (Vdss)10.6VCurrent - Continuous Drain (Id) @ 25°C80mARds On (Max) @ Id, Vgs14 OhmVgs(th) (Max) @ Id20mV @ 20μAGate Charge (Qg) (Max) @ Vgs-Input Capacitance (Ciss) (Max) @ Vds30pF @ 5VPower - Max500mWOperating Temperature0°C ~ 70°C (TJ)Mounting TypeThrough HolePackage / Case8-DIP (0.300", 7.62mm)Supplier Device Package8-PDIP	Manufacturer	Advanced Linear Devices Inc.
Package8-DIP (0.300", 7.62mm)SeriesEPAD?, Zero Threshold?FET Type2 N-Channel (Dual) Matched PairFET FeatureLogic Level GateDrain to Source Voltage (Vdss)10.6VCurrent - Continuous Drain (Id) @ 25°C80mARds On (Max) @ Id, Vgs14 OhmVgs(th) (Max) @ Id20mV @ 20μAGate Charge (Qg) (Max) @ Vgs-Input Capacitance (Ciss) (Max) @ Vds30pF @ 5VPower - Max500mWOperating Temperature0°C ~ 70°C (TJ)Mounting TypeThrough HolePackage / Case8-DIP (0.300", 7.62mm)Supplier Device Package8-PDIP	Category	Discrete Semiconductor Products
SeriesEPAD?, Zero Threshold?FET Type2 N-Channel (Dual) Matched PairFET FeatureLogic Level GateDrain to Source Voltage (Vdss)10.6VCurrent - Continuous Drain (Id) @ 25°C80mARds On (Max) @ Id, Vgs14 OhmVgs(th) (Max) @ Id20mV @ 20μAGate Charge (Qg) (Max) @ Vgs-Input Capacitance (Ciss) (Max) @ Vds30pF @ 5VPower - Max500mWOperating Temperature0°C ~ 70°C (TJ)Mounting TypeThrough HolePackage / Case8-DIP (0.300", 7.62mm)Supplier Device Package8-PDIP		Transistors - FETs, MOSFETs - Arrays
FET Type 2 N-Channel (Dual) Matched Pair FET Feature Logic Level Gate  Drain to Source Voltage (Vdss) 10.6V  Current - Continuous Drain (Id) @ 25°C 80mA  Rds On (Max) @ Id, Vgs 14 Ohm  Vgs(th) (Max) @ Id 20mV @ 20µA  Gate Charge (Qg) (Max) @ Vgs -  Input Capacitance (Ciss) (Max) @ Vds 30pF @ 5V  Power - Max 500mW  Operating Temperature 0°C ~ 70°C (TJ)  Mounting Type Through Hole  Package / Case 8-DIP (0.300", 7.62mm)  Supplier Device Package	Package	8-DIP (0.300", 7.62mm)
FET Feature  Drain to Source Voltage (Vdss)  10.6V  Current - Continuous Drain (Id) @ 25°C  80mA  Rds On (Max) @ Id, Vgs  14 Ohm  Vgs(th) (Max) @ Id  20mV @ 20μA  Gate Charge (Qg) (Max) @ Vds  Input Capacitance (Ciss) (Max) @ Vds  Power - Max  500mW  Operating Temperature  0°C ~ 70°C (TJ)  Mounting Type  Through Hole  Package / Case  8-DIP (0.300", 7.62mm)  Supplier Device Package	Series	EPAD?, Zero Threshold?
Drain to Source Voltage (Vdss)  Current - Continuous Drain (Id) @ 25°C  80mA  Rds On (Max) @ Id, Vgs  14 Ohm  Vgs(th) (Max) @ Id  Cate Charge (Qg) (Max) @ Vgs  Input Capacitance (Ciss) (Max) @ Vds  Power - Max  Operating Temperature  O°C ~ 70°C (TJ)  Mounting Type  Package / Case  8-DIP (0.300", 7.62mm)  Supplier Device Package	FET Type	2 N-Channel (Dual) Matched Pair
Current - Continuous Drain (Id) @ 25°C  Rds On (Max) @ Id, Vgs  14 Ohm  Vgs(th) (Max) @ Id  Cate Charge (Qg) (Max) @ Vgs  Input Capacitance (Ciss) (Max) @ Vds  Power - Max  Operating Temperature  O°C ~ 70°C (TJ)  Mounting Type  Through Hole  Package / Case  8-DIP (0.300", 7.62mm)  Supplier Device Package	FET Feature	Logic Level Gate
Rds On (Max) @ Id, Vgs14 OhmVgs(th) (Max) @ Id20mV @ 20μAGate Charge (Qg) (Max) @ Vgs-Input Capacitance (Ciss) (Max) @ Vds30pF @ 5VPower - Max500mWOperating Temperature0°C ~ 70°C (TJ)Mounting TypeThrough HolePackage / Case8-DIP (0.300", 7.62mm)Supplier Device Package8-PDIP	Drain to Source Voltage (Vdss)	10.6V
Vgs(th) (Max) @ Id20mV @ 20μAGate Charge (Qg) (Max) @ Vgs-Input Capacitance (Ciss) (Max) @ Vds30pF @ 5VPower - Max500mWOperating Temperature0°C ~ 70°C (TJ)Mounting TypeThrough HolePackage / Case8-DIP (0.300", 7.62mm)Supplier Device Package8-PDIP	Current - Continuous Drain (Id) @ 25°C	80mA
Gate Charge (Qg) (Max) @ Vgs  Input Capacitance (Ciss) (Max) @ Vds  Power - Max  500mW  Operating Temperature  0°C ~ 70°C (TJ)  Mounting Type  Through Hole  Package / Case  8-DIP (0.300", 7.62mm)  Supplier Device Package	Rds On (Max) @ Id, Vgs	14 Ohm
Input Capacitance (Ciss) (Max) @ Vds  Power - Max  500mW  Operating Temperature  0°C ~ 70°C (TJ)  Mounting Type  Through Hole  Package / Case  8-DIP (0.300", 7.62mm)  Supplier Device Package	Vgs(th) (Max) @ Id	20mV @ 20μA
Power - Max  Operating Temperature  0°C ~ 70°C (TJ)  Mounting Type  Through Hole  Package / Case  8-DIP (0.300", 7.62mm)  Supplier Device Package	Gate Charge (Qg) (Max) @ Vgs	-
Operating Temperature0°C ~ 70°C (TJ)Mounting TypeThrough HolePackage / Case8-DIP (0.300", 7.62mm)Supplier Device Package8-PDIP	Input Capacitance (Ciss) (Max) @ Vds	30pF @ 5V
Mounting Type Through Hole Package / Case 8-DIP (0.300", 7.62mm) Supplier Device Package 8-PDIP	Power - Max	500mW
Package / Case 8-DIP (0.300", 7.62mm) Supplier Device Package 8-PDIP	Operating Temperature	$0^{\circ}\text{C} \sim 70^{\circ}\text{C} \text{ (TJ)}$
Supplier Device Package 8-PDIP	Mounting Type	Through Hole
	Package / Case	8-DIP (0.300", 7.62mm)
Report errors?	Supplier Device Package	8-PDIP
		Report errors?

#### **ALD212900PAL 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.

### **ALD212900PAL Payment Methods**



















# **ALD212900PAL Shipping Methods**













If you have any question about ALD212900PAL, please do not hesitate to contact us!

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