

ADP3650JCPZ-RL

ADP3650JCPZ-RL Information

visite for the result	 ADP3650JCPZ-RL Analog Devices Inc. Integrated Circuits (ICs) PMIC - Gate Drivers IC MOSFET DRIVER DUAL 12V 8LFCSP 8-VFDFN Exposed Pad, CSP For the pricing/inventory/lead time, please contact us	
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ADP3650JCPZ-RL Specifications

Manufacturer Part Number ADP3650JCPZ-RL Manufacturer Analog Devices Inc. Category Integrated Circuits (ICs) Package 8-VFDFN Exposed Pad, CSP Series - Driven Configuration Half-Bridge Channel Type Synchronous Number of Drivers 2 Gate Type N-Channel MOSFET Voltage - Supply 4.15 V ~ 13.2 V Logic Voltage - VIL, VIH 0.8V, 2V Current - Peak Output (Source, Sink) - Input Type Non-Inverting High Side Voltage - Max (Bootstrap) - Rise / Fall Time (Typ) Ors, 16ns Operating Temperature Surface Mount Mounting Type Surface Mount Package / Case 8-VFDFN Exposed Pad, CSP	•	
CategoryIntegrated Circuits (ICs) PMIC - Gate DriversPackage8-VFDFN Exposed Pad, CSPSeries-Driven ConfigurationHalf-BridgeChannel TypeSynchronousNumber of Drivers2Gate TypeN-Channel MOSFETVoltage - Supply4.15 V ~ 13.2 VLogic Voltage - VIL, VIH0.8V, 2VCurrent - Peak Output (Source, Sink)-High Side Voltage - Max (Boostrap)-High Side Voltage - Max (Boostrap)-Greating Temperature0% C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case8-VFDFN Exposed Pad, CSPSupplier Device Package8-LFCSP-VD (3x3)	Manufacturer Part Number	ADP3650JCPZ-RL
PMIC - Gate DriversPackage8-VFDFN Exposed Pad, CSPSeries-Driven ConfigurationHalf-BridgeChannel TypeSynchronousNumber of Drivers2Gate TypeN-Channel MOSFETVoltage - Supply4.15 V ~ 13.2 VLogic Voltage - VIL, VIH0.8V, 2VCurrent - Peak Output (Source, Sink)-High Side Voltage - Max (Boostrap)-0Rise / Fall Time (Typ)00ns, 16nsOperating Temperature0°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case8-VFDFN Exposed Pad, CSPSupplier Device Package8-LFCSP-VD (3x3)	Manufacturer	Analog Devices Inc.
Package8-VFDFN Exposed Pad, CSPSeries-Series-Driven ConfigurationHalf-BridgeChanel TypeSynchronousNumber of Drivers2Gate TypeN-Chanel MOSFETVoltage - Supply4.15 V ~ 13.2 VLogic Voltage - VIL, VIH0.8V, 2VCurrent - Peak Output (Source, Sink)-High Side Voltage - Max (Boostrap)-Kise / Fall Time (Typ)00n, 16nsOperating Temperature0°C ~ 150°C (TJ)Mounting TypeSurface MountHouting TypeSurface MountPackage / Case8-VFDFN Exposed Pad, CSPSupplier Device Package8-LFCSP-VD (3x3)	Category	Integrated Circuits (ICs)
Series-Driven ConfigurationHalf-BridgeChannel TypeSynchronousNumber of Drivers2Gate TypeN-Channel MOSFETOtage - Supply4.15 V ~ 13.2 VLogic Voltage - VIL, VIH0.8V, 2VCurrent - Peak Output (Source, Sink)-Input TypeNon-InvertingHigh Side Voltage - Max (Bootstrap)-Size / Fall Time (Typ)00s, 16nsOperating Temperature0°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case8-VFDFN Exposed Pad, CSPSupplier Device Package8-LFCSP-VD (3x3)		PMIC - Gate Drivers
Driven ConfigurationHalf-BridgeChannel TypeSynchronousNumber of Drivers2Gate TypeN-Channel MOSFETVoltage - Supply4.15 V ~ 13.2 VLogic Voltage - VIL, VIH0.8V, 2VCurrent - Peak Output (Source, Sink)-Input TypeNon-InvertingHigh Side Voltage - Max (Bootstrap)-Rise / Fall Time (Typ)O'C ~ 150°C (TJ)Operating TemperatureSurface MountPackage / Case8-VFDFN Exposed Pad, CSPSupplier Device Package8-LFCSP-VD (3x3)	Package	8-VFDFN Exposed Pad, CSP
Channel TypeSynchronousNumber of Drivers2Gate TypeN-Channel MOSFETGate Type4.15 V ~ 13.2 VVoltage - Supply4.15 V ~ 13.2 VLogic Voltage - VIL, VIH0.8V, 2VCurrent - Peak Output (Source, Sink)-Input TypeNon-InvertingHigh Side Voltage - Max (Bootstrap)-Size / Fall Time (Typ)20ns, 16nsOperating Temperature0°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case8-VFDFN Exposed Pad, CSPSupplier Device Package8-LFCSP-VD (3x3)	Series	-
Number of Drivers2Gate TypeN-Channel MOSFETVoltage - Supply4.15 V ~ 13.2 VLogic Voltage - VIL, VIH0.8V, 2VCurrent - Peak Output (Source, Sink)-Input TypeNon-InvertingHigh Side Voltage - Max (Bootstrap)-Rise / Fall Time (Typ)20ns, 16nsOperating Temperature0°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case8-VFDFN Exposed Pad, CSPSupplier Device Package8-LFCSP-VD (3x3)	Driven Configuration	Half-Bridge
Gate TypeN-Channel MOSFETVoltage - Supply4.15 V~13.2 VLogic Voltage - VIL, VIH0.8V, 2VCurrent - Peak Output (Source, Sink)-Input TypeNon-InvertingHigh Side Voltage - Max (Bootstrap)-Kise / Fall Time (Typ)20ns, 16nsOperating Temperature0°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case8-VFDFN Exposed Pad, CSPSupplier Device Package8-LFCSP-VD (3x3)	Channel Type	Synchronous
Voltage - Supply4.15 V ~ 13.2 VLogic Voltage - VIL, VIH0.8V, 2VCurrent - Peak Output (Source, Sink)-Input TypeNon-InvertingHigh Side Voltage - Max (Bootstrap)-Rise / Fall Time (Typ)20ns, 16nsOperating Temperature0°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case8-VFDFN Exposed Pad, CSPSupplier Device Package8-LFCSP-VD (3x3)	Number of Drivers	2
Logic Voltage - VIL, VIH0.8V, 2VCurrent - Peak Output (Source, Sink)-Input TypeNon-InvertingHigh Side Voltage - Max (Bootstrap)-Kise / Fall Time (Typ)20ns, 16nsOperating Temperature0°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case8-VFDFN Exposed Pad, CSPSupplier Device Package8-LFCSP-VD (3x3)	Gate Type	N-Channel MOSFET
Current - Peak Output (Source, Sink)-Input TypeNon-InvertingHigh Side Voltage - Max (Bootstrap)-Rise / Fall Time (Typ)20ns, 16nsOperating Temperature0°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case8-VFDFN Exposed Pad, CSPSupplier Device Package8-LFCSP-VD (3x3)	Voltage - Supply	4.15 V ~ 13.2 V
Input TypeNon-InvertingHigh Side Voltage - Max (Bootstrap)-Rise / Fall Time (Typ)20ns, 16nsOperating Temperature0°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case8-VFDFN Exposed Pad, CSPSupplier Device Package8-LFCSP-VD (3x3)	Logic Voltage - VIL, VIH	0.8V, 2V
High Side Voltage - Max (Bootstrap)-Rise / Fall Time (Typ)20ns, 16nsOperating Temperature0°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case8-VFDFN Exposed Pad, CSPSupplier Device Package8-LFCSP-VD (3x3)	Current - Peak Output (Source, Sink)	-
Rise / Fall Time (Typ)20ns, 16nsOperating Temperature0°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case8-VFDFN Exposed Pad, CSPSupplier Device Package8-LFCSP-VD (3x3)	Input Type	Non-Inverting
Operating Temperature0°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case8-VFDFN Exposed Pad, CSPSupplier Device Package8-LFCSP-VD (3x3)	High Side Voltage - Max (Bootstrap)	-
Mounting TypeSurface MountPackage / Case8-VFDFN Exposed Pad, CSPSupplier Device Package8-LFCSP-VD (3x3)	Rise / Fall Time (Typ)	20ns, 16ns
Package / Case8-VFDFN Exposed Pad, CSPSupplier Device Package8-LFCSP-VD (3x3)	Operating Temperature	0°C ~ 150°C (TJ)
Supplier Device Package8-LFCSP-VD (3x3)	Mounting Type	Surface Mount
	Package / Case	8-VFDFN Exposed Pad, CSP
Report errors?	Supplier Device Package	8-LFCSP-VD (3x3)
		Report errors?

ADP3650JCPZ-RL 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 BUARANTEE

Service Guarantees

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

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ADP3650JCPZ-RL Shipping Methods



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