

ADUM3224WARZ-RL7

ADUM3224WARZ-RL7 Information



| Part Number | ADUM3224WARZ-RL7 | |
|--------------|--|--|
| Manufacturer | Analog Devices Inc. | |
| Category | Isolators Isolators - Gate Drivers | |
| Description | DGTL ISO 3KV GATE DRIVER 16SOIC | |
| Package | 16-SOIC (0.154", 3.90mm Width) | |
| | For the pricing/inventory/lead time, please contact us Website: https://www.heisener.com E-mail: salesdept@heisener.com | |



Request a Quote

For Reference Only

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.



ADUM3224WARZ-RL7 Specifications

| Series - Technology Magnetic Coupling Number of Channels 2 Voltage - Isolation 3000Vrms Common Mode Transient Immunity (Min) 25kV/μs Propagation Delay tpLH / tpHL (Max) 54ns, 54ns Pulse Width Distortion (Max) - Rise / Fall Time (Typ) 12ns, 12ns Current - Output High, Low - Current - Peak Output 4A Voltage - Forward (Vf) (Typ) - Current - DC Forward (If) (Max) 3V ~ 5.5 V, 4.5 V ~ 18 V Operating Temperature 40°C ~ 125°C Mounting Type Surface Mount | | |
|---|--------------------------------------|--------------------------------|
| CategoryIsolatorsRockageIsolators - Gate DriversPackageI6-SOIC (0.154", 3.90mm Width)Series-TechnologyMagnetic CouplingNumber of Channels2Voltage - Isolation3000VrmsCommon Mode Transient Immunity (Min)25kV/µsPropagation Delay tpLH / tpHL (Max)54ns, 54nsPulse Width Distortion (Max)-Current - Output High, Low-Current - Output High, Low-Current - Deforward (Vf) (Typ)-Current - DC Forward (If) (Max)-Voltage - Supply3 V ~ 5.5 V, 4.5 V ~ 18 VOperating Temperature-40°C ~ 125°CMounting TypeIsolatonPackage / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOICApprovals- | Manufacturer Part Number | ADUM3224WARZ-RL7 |
| Isolators - Gate DriversPackage16-SOIC (0.154", 3.90mm Width)Series-TechnologyMagnetic CouplingNumber of Channels2Voltage - Isolation3000VrmsCommon Mode Transient Immunity (Min)25kV/µsPropagation Delay tpLH / tpHL (Max)54ns, 54nsPulse Width Distortion (Max)-Rise / Fall Time (Typ)12ns, 12nsCurrent - Output High, Low-Current - Output High, Low-Current - Peak Output4AVoltage - Forward (Vf) (Typ)-Current - DC Forward (If) (Max)-Voltage - Supply3 V ~ 5.5 V, 4.5 V ~ 18 VOperating Temperature440°C ~ 125°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOICApprovals- | Manufacturer | Analog Devices Inc. |
| Package16-SOIC (0.154", 3.90mm Width)Series-TechnologyMagnetic CouplingNumber of Channels2Voltage - Isolation3000VrmsCommon Mode Transient Immunity (Min)25kV/µsPropagation Delay tpLH / tpHL (Max)54ns, 54nsPulse Width Distortion (Max)-Rise / Fall Time (Typ)12ns, 12nsCurrent - Output High, Low-Current - Peak Output4AVoltage - Forward (Vf) (Typ)-Current - DC Forward (If) (Max)3 V ~ 5.5 V, 4.5 V ~ 18 VOperating Temperature440°C ~ 125°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOICApprovals- | Category | Isolators |
| Series-TechnologyMagnetic CouplingNumber of Channels2Voltage - Isolation3000VrmsCommon Mode Transient Immunity (Min)25kV/µsPropagation Delay tpLH / tpHL (Max)54ns, 54nsPulse Width Distortion (Max)-Rise / Fall Time (Typ)12ns, 12nsCurrent - Output High, Low-Current - Peak Output4AVoltage - Forward (Vf) (Typ)-Current - DC Forward (If) (Max)-Voltage - Supply3 V ~ 5.5 V, 4.5 V ~ 18 VOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package-Approvals- | | Isolators - Gate Drivers |
| Technology Magnetic Coupling Number of Channels 2 Voltage - Isolation 3000Vrms Common Mode Transient Immunity (Min) 25kV/µs Propagation Delay tpLH / tpHL (Max) 54ns, 54ns Pulse Width Distortion (Max) - Rise / Fall Time (Typ) 12ns, 12ns Current - Output High, Low - Current - Peak Output 4A Voltage - Forward (Vf) (Typ) - Current - DC Forward (If) (Max) - Voltage - Supply 3 V ~ 5.5 V, 4.5 V ~ 18 V Operating Temperature 40°C ~ 125°C Mounting Type Surface Mount Package / Case 16-SOIC (0.154", 3.90mm Width) Supplier Device Package 16-SOIC | Package | 16-SOIC (0.154", 3.90mm Width) |
| Number of Channels2Voltage - Isolation3000VrmsCommon Mode Transient Immunity (Min)25kV/µsPropagation Delay tpLH / tpHL (Max)54ns, 54nsPulse Width Distortion (Max)-Rise / Fall Time (Typ)12ns, 12nsCurrent - Output High, Low-Current - Peak Output4AVoltage - Forward (Vf) (Typ)-Current - DC Forward (If) (Max)-Voltage - Supply3 V ~ 5.5 V, 4.5 V ~ 18 VOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package-Approvals- | Series | - |
| Voltage - Isolation3000VrmsCommon Mode Transient Immunity (Min)25kV/µsPropagation Delay tpLH / tpHL (Max)54ns, 54nsPulse Width Distortion (Max)-Rise / Fall Time (Typ)12ns, 12nsCurrent - Output High, Low-Current - Peak Output4AVoltage - Forward (Vf) (Typ)-Current - DC Forward (If) (Max)-Voltage - Supply3 V ~ 5.5 V, 4.5 V ~ 18 VOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)Approvals- | Technology | Magnetic Coupling |
| Common Mode Transient Immunity (Min)25kV/µsPropagation Delay tpLH / tpHL (Max)54ns, 54nsPulse Width Distortion (Max)-Rise / Fall Time (Typ)12ns, 12nsCurrent - Output High, Low-Current - Peak Output4AVoltage - Forward (Vf) (Typ)-Current - DC Forward (If) (Max)-Voltage - Supply3 V ~ 5.5 V, 4.5 V ~ 18 VOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)Approvals- | Number of Channels | 2 |
| Propagation Delay tpLH / tpHL (Max)54ns, 54nsPulse Width Distortion (Max)-Rise / Fall Time (Typ)12ns, 12nsCurrent - Output High, Low-Current - Peak Output4AVoltage - Forward (Vf) (Typ)-Current - DC Forward (If) (Max)-Voltage - Supply3 V ~ 5.5 V, 4.5 V ~ 18 VOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package-Approvals- | Voltage - Isolation | 3000Vrms |
| Pulse Width Distortion (Max)-Rise / Fall Time (Typ)12ns, 12nsCurrent - Output High, Low-Current - Peak Output4AVoltage - Forward (Vf) (Typ)-Current - DC Forward (If) (Max)-Voltage - Supply3 V ~ 5.5 V, 4.5 V ~ 18 VOperating Temperature-40°C ~ 125°CMounting Type16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOICApprovals- | Common Mode Transient Immunity (Min) | 25kV/µs |
| Rise / Fall Time (Typ)12ns, 12nsCurrent - Output High, Low-Current - Peak Output4AVoltage - Forward (Vf) (Typ)-Current - DC Forward (If) (Max)-Voltage - Supply3 V ~ 5.5 V, 4.5 V ~ 18 VOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)Approvals- | Propagation Delay tpLH / tpHL (Max) | 54ns, 54ns |
| Current - Output High, Low-Current - Peak Output4AVoltage - Forward (Vf) (Typ)-Current - DC Forward (If) (Max)-Voltage - Supply3 V ~ 5.5 V, 4.5 V ~ 18 VOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package-Approvals- | Pulse Width Distortion (Max) | - |
| Current - Peak Output4AVoltage - Forward (Vf) (Typ)-Current - DC Forward (If) (Max)-Voltage - Supply3 V ~ 5.5 V, 4.5 V ~ 18 VOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package-Approvals- | Rise / Fall Time (Typ) | 12ns, 12ns |
| Voltage - Forward (Vf) (Typ)-Current - DC Forward (If) (Max)-Voltage - Supply3 V ~ 5.5 V, 4.5 V ~ 18 VOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOICApprovals- | Current - Output High, Low | - |
| Current - DC Forward (If) (Max)-Voltage - Supply3 V ~ 5.5 V, 4.5 V ~ 18 VOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOICApprovals- | Current - Peak Output | 4A |
| Voltage - Supply3 V ~ 5.5 V, 4.5 V ~ 18 VOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOICApprovals- | Voltage - Forward (Vf) (Typ) | - |
| Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOICApprovals- | Current - DC Forward (If) (Max) | - |
| Mounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOICApprovals- | Voltage - Supply | 3 V ~ 5.5 V, 4.5 V ~ 18 V |
| Package / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOICApprovals- | Operating Temperature | -40°C ~ 125°C |
| Supplier Device Package16-SOICApprovals- | Mounting Type | Surface Mount |
| Approvals - | Package / Case | 16-SOIC (0.154", 3.90mm Width) |
| | Supplier Device Package | 16-SOIC |
| Report errors? | Approvals | - |
| | | Report errors? |

ADUM3224WARZ-RL7 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.

DISCOVER

ADUM3224WARZ-RL7 Payment Methods



ADUM3224WARZ-RL7 Shipping Methods



If you have any question about ADUM3224WARZ-RL7, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com