



MC10H104MELG Information



For Reference Only

Part Number MC10H104MELG

Manufacturer ON Semiconductor

Category Integrated Circuits (ICs)
Logic - Gates and Inverters

Description IC GATE AND 4CH 2-INP 16-SOEIAJ **Package** 16-SOIC (0.209", 5.30mm Width)

For the pricing/inventory/lead time, please contact

us

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



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MC10H104MELG Specifications

| Manufacturer MC10H104MELG Manufacturer ON Semiconductor Category Integrated Circuits (ICs) Logic - Gates and Inverters Package 16-SOIC (0.209", 5.30mm Width) Series 10H Logic Type AND Gate Number of Circuits 4 Number of Inputs 2 Features 1 of 4 AND/NAND Output Voltage - Supply -4.94 V ~ -5.46 V Current - Quiescent (Max) - Current - Output High, Low 50mA, 50mA Logic Level - Low -1.48V Logic Level - High -1.13V Max Propagation Delay @ V, Max CL 1.75ns @ -5.2V, - Operating Temperature 0°C ~ 75°C Mounting Type Surface Mount Supplier Device Package 16-SOEIAJ Package / Case 16-SOIC (0.209", 5.30mm Width) | | |
|---|-----------------------------------|--------------------------------|
| CategoryIntegrated Circuits (ICs)Logic - Gates and InvertersPackage16-SOIC (0.209", 5.30mm Width)Series10HLogic TypeAND GateNumber of Circuits4Number of Inputs2Features1 of 4 AND/NAND OutputVoltage - Supply-4.94 V ~ -5.46 VCurrent - Quiescent (Max)-Current - Output High, Low50mA, 50mALogic Level - Low-1.48VLogic Level - High-1.13VMax Propagation Delay @ V, Max CL1.75ns @ -5.2V, -Operating Temperature0°C ~ 75°CMounting TypeSurface MountSupplier Device Package16-SOEIAJPackage / Case16-SOEIAJ | Manufacturer Part Number | MC10H104MELG |
| PackageLogic - Gates and InvertersPackage16-SOIC (0.209", 5.30mm Width)Series10HLogic TypeAND GateNumber of Circuits4Number of Inputs2Features1 of 4 AND/NAND OutputVoltage - Supply-4.94 V ~ -5.46 VCurrent - Quiescent (Max)-Current - Output High, Low50mA, 50mALogic Level - Low-1.48VLogic Level - High-1.13VMax Propagation Delay @ V, Max CL1.75ns @ -5.2V, -Operating Temperature0°C ~ 75°CMounting TypeSurface MountSupplier Device Package16-SOELAJPackage / Case16-SOIC (0.209", 5.30mm Width) | Manufacturer | ON Semiconductor |
| Package 16-SOIC (0.209", 5.30mm Width) Series 10H Logic Type AND Gate Number of Circuits 4 Number of Inputs 2 Features 1 of 4 AND/NAND Output Voltage - Supply -4.94 V ~ -5.46 V Current - Quiescent (Max) - Current - Output High, Low 50mA, 50mA Logic Level - Low -1.48V Logic Level - High -1.13V Max Propagation Delay @ V, Max CL 1.75ns @ -5.2V, - Operating Temperature 0°C ~ 75°C Mounting Type Surface Mount Supplier Device Package 16-SOEIAJ Package / Case 16-SOIC (0.209", 5.30mm Width) | Category | Integrated Circuits (ICs) |
| Series10HLogic TypeAND GateNumber of Circuits4Number of Inputs2Features1 of 4 AND/NAND OutputVoltage - Supply-4.94 V ~ -5.46 VCurrent - Quiescent (Max)-Current - Output High, Low50mA, 50mALogic Level - Low-1.48VLogic Level - High-1.13VMax Propagation Delay @ V, Max CL1.75ns @ -5.2V, -Operating Temperature0°C ~ 75°CMounting TypeSurface MountSupplier Device Package16-SOEIAJPackage / Case16-SOIC (0.209", 5.30mm Width) | | Logic - Gates and Inverters |
| Logic TypeAND GateNumber of Circuits4Number of Inputs2Features1 of 4 AND/NAND OutputVoltage - Supply-4.94 V ~ -5.46 VCurrent - Quiescent (Max)-Current - Output High, Low50mA, 50mALogic Level - Low-1.48VLogic Level - High-1.13VMax Propagation Delay @ V, Max CL1.75ns @ -5.2V, -Operating Temperature0°C ~ 75°CMounting TypeSurface MountSupplier Device Package16-SOEIAJPackage / Case16-SOIC (0.209", 5.30mm Width) | Package | 16-SOIC (0.209", 5.30mm Width) |
| Number of Circuits Number of Inputs 2 Features 1 of 4 AND/NAND Output Voltage - Supply -4.94 V ~ -5.46 V Current - Quiescent (Max) Current - Output High, Low 50mA, 50mA Logic Level - Low -1.48V Logic Level - High -1.13V Max Propagation Delay @ V, Max CL Operating Temperature 0°C ~ 75°C Mounting Type Surface Mount Supplier Device Package 16-SOEIAJ Package / Case 16-SOIC (0.209", 5.30mm Width) | Series | 10H |
| Number of Inputs Features 1 of 4 AND/NAND Output Voltage - Supply -4.94 V ~ -5.46 V Current - Quiescent (Max) Current - Output High, Low 50mA, 50mA Logic Level - Low -1.48V Logic Level - High -1.13V Max Propagation Delay @ V, Max CL 1.75ns @ -5.2V, - Operating Temperature 0°C ~ 75°C Mounting Type Surface Mount Supplier Device Package 16-SOEIAJ Package / Case 16-SOIC (0.209", 5.30mm Width) | Logic Type | AND Gate |
| Features 1 of 4 AND/NAND Output Voltage - Supply -4.94 V ~ -5.46 V Current - Quiescent (Max) - Current - Output High, Low 50mA, 50mA Logic Level - Low -1.48V Logic Level - High -1.13V Max Propagation Delay @ V, Max CL 1.75ns @ -5.2V, - Operating Temperature 0°C ~ 75°C Mounting Type Surface Mount Supplier Device Package 16-SOEIAJ Package / Case 1 16-SOIC (0.209", 5.30mm Width) | Number of Circuits | 4 |
| Voltage - Supply -4.94 V ~ -5.46 V Current - Quiescent (Max) - Current - Output High, Low 50mA, 50mA Logic Level - Low -1.48V Logic Level - High -1.13V Max Propagation Delay @ V, Max CL Operating Temperature 0°C ~ 75°C Mounting Type Surface Mount Supplier Device Package 16-SOEIAJ Package / Case | Number of Inputs | 2 |
| Current - Quiescent (Max) Current - Output High, Low 50mA, 50mA Logic Level - Low -1.48V Logic Level - High -1.13V Max Propagation Delay @ V, Max CL Operating Temperature 0°C ~ 75°C Mounting Type Surface Mount Supplier Device Package 16-SOEIAJ Package / Case 16-SOIC (0.209", 5.30mm Width) | Features | 1 of 4 AND/NAND Output |
| Current - Output High, Low 50mA, 50mA Logic Level - Low -1.48V Logic Level - High -1.13V Max Propagation Delay @ V, Max CL 1.75ns @ -5.2V, - Operating Temperature 0°C ~ 75°C Mounting Type Surface Mount Supplier Device Package 16-SOEIAJ Package / Case 16-SOIC (0.209", 5.30mm Width) | Voltage - Supply | -4.94 V ~ -5.46 V |
| Logic Level - Low Logic Level - High -1.13V Max Propagation Delay @ V, Max CL 1.75ns @ -5.2V, - Operating Temperature 0°C ~ 75°C Mounting Type Surface Mount Supplier Device Package 16-SOEIAJ Package / Case 16-SOIC (0.209", 5.30mm Width) | Current - Quiescent (Max) | - |
| Logic Level - High Max Propagation Delay @ V, Max CL 1.75ns @ -5.2V, - Operating Temperature 0°C ~ 75°C Mounting Type Surface Mount Supplier Device Package 16-SOEIAJ Package / Case 16-SOIC (0.209", 5.30mm Width) | Current - Output High, Low | 50mA, 50mA |
| Max Propagation Delay @ V, Max CL1.75ns @ -5.2V, -Operating Temperature0°C ~ 75°CMounting TypeSurface MountSupplier Device Package16-SOEIAJPackage / Case16-SOIC (0.209", 5.30mm Width) | Logic Level - Low | -1.48V |
| Operating Temperature0°C ~ 75°CMounting TypeSurface MountSupplier Device Package16-SOEIAJPackage / Case16-SOIC (0.209", 5.30mm Width) | Logic Level - High | -1.13V |
| Mounting Type Surface Mount Supplier Device Package 16-SOEIAJ Package / Case 16-SOIC (0.209", 5.30mm Width) | Max Propagation Delay @ V, Max CL | 1.75ns @ -5.2V, - |
| Supplier Device Package 16-SOEIAJ Package / Case 16-SOIC (0.209", 5.30mm Width) | Operating Temperature | 0°C ~ 75°C |
| Package / Case 16-SOIC (0.209", 5.30mm Width) | Mounting Type | Surface Mount |
| | Supplier Device Package | 16-SOEIAJ |
| Report errors? | Package / Case | 16-SOIC (0.209", 5.30mm Width) |
| | | Report errors? |

MC10H104MELG 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.

MC10H104MELG Payment Methods



















MC10H104MELG Shipping Methods













If you have any question about MC10H104MELG, please do not hesitate to contact us!

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