



SM802104UMG Information



For Reference Only

Part Number SM802104UMG
Manufacturer Microchip Technology
Category Integrated Circuits (ICs)

Clock/Timing - Application Specific IC SYNTHESIZER 2CH 24-QFN

Description IC SYNTHESIZER 2CH 2 **Package** 24-VFQFN Exposed Pad

For the pricing/inventory/lead time, please contact

us

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



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SM802104UMG Specifications

| Manufacturer Part NumberSM802104UMGManufacturerMicrochip TechnologyCategoryIntegrated Circuits (ICs)Package24-VFQFN Exposed PadSeriesClock/Timing - Application SpecificPackage24-VFQFN Exposed PadSeriesClockWorks?, RotaryWave?PLLYesMain PurposeFibre ChannelInputLVCMOS, CrystalOutputLVPECLNumber of Circuits1Ratio - Input:Output2:2Differential - Input:OutputNo/YesFrequency - Max212.5MHzVoltage - Supply2.375 V ~ 3.465 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case24-VFQFN Exposed PadSupplier Device Package24-QFN (4x4) | • | |
|---|-----------------------------|-------------------------------------|
| Category Integrated Circuits (ICs) Clock/Timing - Application Specific Package 24-VFQFN Exposed Pad Series ClockWorks?, RotaryWave? PLL Yes Main Purpose Fibre Channel Input LVCMOS, Crystal Output LVPECL Number of Circuits 1 Ratio - Input:Output 2:2 Differential - Input:Output No/Yes Frequency - Max 212.5MHz Voltage - Supply 2.375 V ~ 3.465 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 24-VFQFN Exposed Pad Supplier Device Package 24-QFN (4x4) | Manufacturer Part Number | SM802104UMG |
| Clock/Timing - Application Specific Package 24-VFQFN Exposed Pad Series ClockWorks?, RotaryWave? PLL Yes Main Purpose Fibre Channel Input LVCMOS, Crystal Output LVPECL Number of Circuits 1 Ratio - Input:Output 2:2 Differential - Input:Output No/Yes Frequency - Max 212.5MHz Voltage - Supply 2.375 V ~ 3.465 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 24-VFQFN Exposed Pad Supplier Device Package 24-QFN (4x4) | Manufacturer | Microchip Technology |
| Package 24-VFQFN Exposed Pad Series ClockWorks?, RotaryWave? PLL Yes Main Purpose Fibre Channel Input LVCMOS, Crystal Output LVPECL Number of Circuits 1 Ratio - Input:Output 2:2 Differential - Input:Output No/Yes Frequency - Max 212.5MHz Voltage - Supply 2.375 V ~ 3.465 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 24-VFQFN Exposed Pad Supplier Device Package 24-QFN (4x4) | Category | Integrated Circuits (ICs) |
| SeriesClockWorks?, RotaryWave?PLLYesMain PurposeFibre ChannelInputLVCMOS, CrystalOutputLVPECLNumber of Circuits1Ratio - Input:Output2:2Differential - Input:OutputNo/YesFrequency - Max212.5MHzVoltage - Supply2.375 V ~ 3.465 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case24-VFQFN Exposed PadSupplier Device Package24-QFN (4x4) | | Clock/Timing - Application Specific |
| PLL Yes Main Purpose Fibre Channel Input LVCMOS, Crystal Output LVPECL Number of Circuits 1 Ratio - Input:Output 2:2 Differential - Input:Output No/Yes Frequency - Max 212.5MHz Voltage - Supply 2.375 V ~ 3.465 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 24-VFQFN Exposed Pad Supplier Device Package 24-QFN (4x4) | Package | 24-VFQFN Exposed Pad |
| Main PurposeFibre ChannelInputLVCMOS, CrystalOutputLVPECLNumber of Circuits1Ratio - Input:Output2:2Differential - Input:OutputNo/YesFrequency - Max212.5MHzVoltage - Supply2.375 V ~ 3.465 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case24-VFQFN Exposed PadSupplier Device Package24-QFN (4x4) | Series | ClockWorks?, RotaryWave? |
| Input LVCMOS, Crystal Output LVPECL Number of Circuits 1 Ratio - Input:Output 2:2 Differential - Input:Output No/Yes Frequency - Max 212.5MHz Voltage - Supply 2.375 V ~ 3.465 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 24-VFQFN Exposed Pad Supplier Device Package 24-QFN (4x4) | PLL | Yes |
| Output LVPECL Number of Circuits 1 Ratio - Input:Output 2:2 Differential - Input:Output No/Yes Frequency - Max 212.5MHz Voltage - Supply 2.375 V ~ 3.465 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 24-VFQFN Exposed Pad Supplier Device Package 24-QFN (4x4) | Main Purpose | Fibre Channel |
| Number of Circuits Ratio - Input:Output Differential - Input:Output No/Yes Frequency - Max Voltage - Supply Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case Supplier Device Package 24-QFN (4x4) | Input | LVCMOS, Crystal |
| Ratio - Input:Output Differential - Input:Output No/Yes Frequency - Max 212.5MHz Voltage - Supply 2.375 V ~ 3.465 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 24-VFQFN Exposed Pad Supplier Device Package 24-QFN (4x4) | Output | LVPECL |
| Differential - Input:Output No/Yes Frequency - Max 212.5MHz Voltage - Supply 2.375 V ~ 3.465 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 24-VFQFN Exposed Pad Supplier Device Package 24-QFN (4x4) | Number of Circuits | 1 |
| Frequency - Max Voltage - Supply 2.375 V ~ 3.465 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 24-VFQFN Exposed Pad Supplier Device Package 24-QFN (4x4) | Ratio - Input:Output | 2:2 |
| Voltage - Supply 2.375 V ~ 3.465 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 24-VFQFN Exposed Pad Supplier Device Package 24-QFN (4x4) | Differential - Input:Output | No/Yes |
| Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 24-VFQFN Exposed Pad Supplier Device Package 24-QFN (4x4) | Frequency - Max | 212.5MHz |
| Mounting Type Surface Mount Package / Case 24-VFQFN Exposed Pad Supplier Device Package 24-QFN (4x4) | Voltage - Supply | 2.375 V ~ 3.465 V |
| Package / Case 24-VFQFN Exposed Pad Supplier Device Package 24-QFN (4x4) | Operating Temperature | -40°C ~ 85°C |
| Supplier Device Package 24-QFN (4x4) | Mounting Type | Surface Mount |
| | Package / Case | 24-VFQFN Exposed Pad |
| Report errors? | Supplier Device Package | 24-QFN (4x4) |
| | | Report errors? |

SM802104UMG 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.

SM802104UMG Payment Methods



















SM802104UMG Shipping Methods













If you have any question about SM802104UMG, please do not hesitate to contact us!

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