

MAX11637EEE+

MAX11637EEE+ Information

	Part Number	MAX11637EEE+	
w Theisener.com	Manufacturer	Maxim Integrated	121 A -47 (2)
	Category	Integrated Circuits (ICs) Data Acquisition - Analog to Digital Converters (ADC)	
	Description	IC ADC 12BIT SRL 300KSPS 16QSOP	- 10-70-5. <u>-</u>
	Package	16-SSOP (0.154", 3.90mm Width)	m0:23-M
For Reference Only		For the pricing/inventory/lead time, please contact us Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Quote

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MAX11637EEE+ Specifications

ManufacturerMaxim IntegratedCategoryIntegrated Circuits (ICs)Data Acquisition - Analog to Digital Converters (ADC)Package16-SSOP (0.154", 3.90mm Width)Series-Number of Bits12Sampling Rate (Per Second)300kNumber of Inputs4, 8Input TypeDifferential, Single EndedData InterfaceSPIConfigurationS/H-ADCRatio - S/H:ADC1:1Number of A/D Converters1ArchitectureSARReference TypeExternal, InternalVoltage - Supply, Digital2.7 V ~ 3.6 VVoltage - Supply, Digital-Operating Temperature-Package / Case16-SSOP (0.154", 3.90mm Width)Supplier Device Package16-QSOPPackage / Case16-QSOPMounting Type-	_	
CategoryIntegrated Cruuits (ICs)PackageData Acquisition - Analog to Digital Converters (ADC)Package16-SSOP (0.154", 3.90mm Width)Series-Number of Bits12Sampling Rate (Per Second)300kNumber of Inputs4, 8Input TypeDifferential, Single EndedData InterfaceSPIConfigurationS/H-ADCNumber of A/D Converters1ArchitectureSARReference TypeExternal, InternalVoltage - Supply, Analog2.7 V ~ 3.6 VVoltage - Supply, Digital-Operating Temperature-Package / Case16-SSOP (0.154", 3.90mm Width)Supplier Device Package16-QSOPMounting Type-	Manufacturer Part Number	MAX11637EEE+
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Package16-SSOP (0.154", 3.90mm Width)Series-Number of Bits12Sampling Rate (Per Second)300kNumber of Inputs4, 8Input TypeDifferential, Single EndedData InterfaceSPIConfigurationS/H-ADCRatio - S/H:ADC1:1Number of A/D Converters1Reference TypeExternal, InternalReference Type2.7 V ~ 3.6 VVoltage - Supply, Digital2.7 V ~ 3.6 VFeatures-Operating Temperature-40°C ~ 85°CPackage / Case16-QSOPMounting Type-	Category	Integrated Circuits (ICs)
Series-Number of Bits12Sampling Rate (Per Second)300kNumber of Inputs4, 8Input TypeDifferential, Single EndedData InterfaceSPIConfigurationS/H-ADCRatio - S/H:ADC1:1Number of A/D Converters1Reference TypeExternal, InternalVoltage - Supply, Analog2.7 V ~ 3.6 VVoltage - Supply, Digital-Operating Temperature-40°C ~ 85°CPackage / Case16-QSOPMounting Type-		Data Acquisition - Analog to Digital Converters (ADC)
Number of Bits12Sampling Rate (Per Second)300kNumber of Inputs4, 8Input TypeDifferential, Single EndedData InterfaceSPIConfigurationS/H-ADCRatio - S/H: ADC1:1Number of A/D Converters1ArchitectureSARReference TypeExternal, InternalVoltage - Supply, Analog2.7 V ~ 3.6 VVoltage - Supply, Digital2.7 V ~ 3.6 VOperating Temperature-Package / Case16-SSOP (0.154", 3.90mm Width)Supplier Device Packagei-Mounting Type-	Package	16-SSOP (0.154", 3.90mm Width)
Sampling Rate (Per Second)300kNumber of Inputs4, 8Input TypeDifferential, Single EndedData InterfaceSPIConfigurationS/H-ADCRatio - S/H:ADC1:1Number of A/D Converters1ArchitectureSARReference TypeExternal, InternalVoltage - Supply, Analog2.7 V ~ 3.6 VVoltage - Supply, Digital-Package / Case16-SSOP (0.154", 3.90mm Width)Supplier Device Package16-QSOPMounting Type-	Series	-
Number of Inputs4, 8Input TypeDifferential, Single EndedData InterfaceSPIConfigurationS/H-ADCRatio - S/H:ADC1:1Number of A/D Converters1Number of A/D Converters1Reference TypeExternal, InternalVoltage - Supply, Analog2.7 V ~ 3.6 VVoltage - Supply, Digital2.7 V ~ 3.6 VFeatures-Operating Temperature-40°C ~ 85°CPackage / Case16-SSOP (0.154", 3.90mm Width)Supplier Device Package-Mounting Type-	Number of Bits	12
Input TypeDifferential, Single EndedData InterfaceSPIConfigurationS/H-ADCRatio - S/H:ADC1:1Number of A/D Converters1ArchitectureSARReference TypeExternal, InternalVoltage - Supply, Analog2.7 V ~ 3.6 VVoltage - Supply, Digital-Peatures-Operating Temperature40°C ~ 85°CPackage / Case16-SSOP (0.154", 3.90mm Width)Supplier Device Package-Mounting Type-	Sampling Rate (Per Second)	300k
Data InterfaceSPIConfigurationS/H-ADCRatio - S/H:ADC1:1Number of A/D Converters1ArchitectureSARReference TypeExternal, InternalVoltage - Supply, Analog2.7 V ~ 3.6 VVoltage - Supply, Digital2.7 V ~ 3.6 VFeatures-Operating Temperature40°C ~ 85°CPackage / Case16-QSOP (0.154", 3.90mm Width)Supplier Device Package-Mounting Type-	Number of Inputs	4, 8
ConfigurationS/H-ADCRatio - S/H:ADC1:1Number of A/D Converters1ArchitectureSARReference TypeExternal, InternalVoltage - Supply, Analog2.7 V ~ 3.6 VVoltage - Supply, Digital2.7 V ~ 3.6 VFeatures-Operating Temperature40°C ~ 85°CPackage / Case16-SSOP (0.154", 3.90mm Width)Supplier Device Package-Mounting Type-	Input Type	Differential, Single Ended
Ratio - S/H:ADC1:1Number of A/D Converters1ArchitectureSARReference TypeExternal, InternalVoltage - Supply, Analog2.7 V ~ 3.6 VVoltage - Supply, Digital2.7 V ~ 3.6 VFeatures-Operating Temperature-40°C ~ 85°CPackage / Case16-SSOP (0.154", 3.90mm Width)Supplier Device Package-Mounting Type-	Data Interface	SPI
Number of A/D Converters1ArchitectureSARReference TypeExternal, InternalVoltage - Supply, Analog2.7 V ~ 3.6 VVoltage - Supply, Digital2.7 V ~ 3.6 VFeatures-Operating Temperature-40°C ~ 85°CPackage / Case16-SSOP (0.154", 3.90mm Width)Supplier Device Package-Mounting Type-	Configuration	S/H-ADC
ArchitectureSARReference TypeExternal, InternalVoltage - Supply, Analog2.7 V ~ 3.6 VVoltage - Supply, Digital2.7 V ~ 3.6 VVoltage - Supply, Digital-Operating Temperature-40°C ~ 85°CPackage / Case16-SSOP (0.154", 3.90mm Width)Supplier Device Package16-QSOPMounting Type-	Ratio - S/H:ADC	1:1
Reference TypeExternal, InternalVoltage - Supply, Analog2.7 V ~ 3.6 VVoltage - Supply, Digital2.7 V ~ 3.6 VFeatures-Operating Temperature-40°C ~ 85°CPackage / Case16-SSOP (0.154", 3.90mm Width)Supplier Device Package16-QSOPMounting Type-	Number of A/D Converters	1
Voltage - Supply, Analog2.7 V ~ 3.6 VVoltage - Supply, Digital2.7 V ~ 3.6 VFeatures-Operating Temperature-40°C ~ 85°CPackage / Case16-SSOP (0.154", 3.90mm Width)Supplier Device Package16-QSOPMounting Type-	Architecture	SAR
Voltage - Supply, Digital2.7 V ~ 3.6 VFeatures-Operating Temperature-40°C ~ 85°CPackage / Case16-SSOP (0.154", 3.90mm Width)Supplier Device Package16-QSOPMounting Type-	Reference Type	External, Internal
Features-Operating Temperature-40°C ~ 85°CPackage / Case16-SSOP (0.154", 3.90mm Width)Supplier Device Package16-QSOPMounting Type-	Voltage - Supply, Analog	2.7 V ~ 3.6 V
Operating Temperature-40°C ~ 85°CPackage / Case16-SSOP (0.154", 3.90mm Width)Supplier Device Package16-QSOPMounting Type-	Voltage - Supply, Digital	2.7 V ~ 3.6 V
Package / Case16-SSOP (0.154", 3.90mm Width)Supplier Device Package16-QSOPMounting Type-	Features	-
Supplier Device Package 16-QSOP Mounting Type -	Operating Temperature	$-40^{\circ}\mathrm{C} \sim 85^{\circ}\mathrm{C}$
Mounting Type -	Package / Case	16-SSOP (0.154", 3.90mm Width)
	Supplier Device Package	16-QSOP
Report errors?	Mounting Type	-
		Report errors?

MAX11637EEE+ 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.

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MAX11637EEE+ Shipping Methods



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