



MAX9041BESA Information



For Reference Only

Part Number MAX9041BESA

Manufacturer Maxim Integrated

Category Integrated Circuits (ICs)
Linear - Comparators

DescriptionIC COMP SGL LOW PWR 8SOICPackage8-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

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.









MAX9041BESA Specifications

Manufacturer Part Number Maxim Integrated Category Integrated Circuits (ICs) Linear - Comparators Package 8-SOIC (0.154", 3.90mm Width) Series Type with Voltage Reference Number of Elements 1 Output Type CMOS, Push-Pull, Rail-to-Rail, TTL Voltage - Supply, Single/Dual (±) 2.5 V ~ 5.5 V Voltage - Input Offset (Max) ImV @ 5V Current - Input Bias (Max) Current - Output (Typ) 8mA Current - Quiescent (Max) 100µA CMRR, PSRR (Typ) Propagation Delay (Max) Hysteresis Operating Temperature Package (Case) Propagation Temperature Propagation Temperature		
Category Integrated Circuits (ICs) Linear - Comparators Package 8-SOIC (0.154", 3.90mm Width) Series - Type with Voltage Reference Number of Elements 1 Output Type CMOS, Push-Pull, Rail-to-Rail, TTL Voltage - Supply, Single/Dual (±) 2.5 V ~ 5.5 V Voltage - Input Offset (Max) 1mV @ 5V Current - Input Bias (Max) 1pA @ 5V Current - Output (Typ) 8mA Current - Quiescent (Max) 100μA CMRR, PSRR (Typ) 80dB CMRR, 80dB PSRR Propagation Delay (Max) 450ns Hysteresis ±3mV Operating Temperature -40°C ~ 85°C	Manufacturer Part Number	MAX9041BESA
Linear - Comparators Package 8-SOIC (0.154", 3.90mm Width) Series - Type with Voltage Reference Number of Elements 1 Output Type CMOS, Push-Pull, Rail-to-Rail, TTL Voltage - Supply, Single/Dual (±) 2.5 V ~ 5.5 V Voltage - Input Offset (Max) 1mV @ 5V Current - Input Bias (Max) 1pA @ 5V Current - Output (Typ) 8mA Current - Quiescent (Max) 100μA CMRR, PSRR (Typ) 80dB CMRR, 80dB PSRR Propagation Delay (Max) 450ns Hysteresis ±3mV Operating Temperature -40°C ~ 85°C	Manufacturer	Maxim Integrated
Package8-SOIC (0.154", 3.90mm Width)Series-Typewith Voltage ReferenceNumber of Elements1Output TypeCMOS, Push-Pull, Rail-to-Rail, TTLVoltage - Supply, Single/Dual (±)2.5 V ~ 5.5 VVoltage - Input Offset (Max)1mV @ 5VCurrent - Input Bias (Max)1pA @ 5VCurrent - Output (Typ)8mACurrent - Quiescent (Max)100μACMRR, PSRR (Typ)80dB CMRR, 80dB PSRRPropagation Delay (Max)450nsHysteresis±3mVOperating Temperature-40°C ~ 85°C	Category	Integrated Circuits (ICs)
Series Type with Voltage Reference Number of Elements 1 Output Type CMOS, Push-Pull, Rail-to-Rail, TTL Voltage - Supply, Single/Dual (±) 2.5 V ~ 5.5 V Voltage - Input Offset (Max) 1mV @ 5V Current - Input Bias (Max) 1pA @ 5V Current - Output (Typ) 8mA Current - Quiescent (Max) 100μA CMRR, PSRR (Typ) 8odB CMRR, 8odB PSRR Propagation Delay (Max) 450ns Hysteresis ±3mV Operating Temperature -40°C ~ 85°C		Linear - Comparators
Type with Voltage Reference Number of Elements 1 Output Type CMOS, Push-Pull, Rail-to-Rail, TTL Voltage - Supply, Single/Dual (±) 2.5 V ~ 5.5 V Voltage - Input Offset (Max) 1mV @ 5V Current - Input Bias (Max) 1pA @ 5V Current - Output (Typ) 8mA Current - Quiescent (Max) 100μA CMRR, PSRR (Typ) 80dB CMRR, 80dB PSRR Propagation Delay (Max) 450ns Hysteresis ±3mV Operating Temperature -40°C ~ 85°C	Package	8-SOIC (0.154", 3.90mm Width)
Number of Elements1Output TypeCMOS, Push-Pull, Rail-to-Rail, TTLVoltage - Supply, Single/Dual (\pm)2.5 V ~ 5.5 VVoltage - Input Offset (Max) $1mV @ 5V$ Current - Input Bias (Max) $1pA @ 5V$ Current - Output (Typ) $8mA$ Current - Quiescent (Max) $100\mu A$ CMRR, PSRR (Typ) $80dB CMRR, 80dB PSRR$ Propagation Delay (Max) $450ns$ Hysteresis $\pm 3mV$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$	Series	-
Output Type CMOS, Push-Pull, Rail-to-Rail, TTL Voltage - Supply, Single/Dual (±) 2.5 V ~ 5.5 V Voltage - Input Offset (Max) 1mV @ 5V Current - Input Bias (Max) 1pA @ 5V Current - Output (Typ) 8mA Current - Quiescent (Max) 100µA CMRR, PSRR (Typ) 80dB CMRR, 80dB PSRR Propagation Delay (Max) 450ns Hysteresis ±3mV Operating Temperature -40°C ~ 85°C	Type	with Voltage Reference
Voltage - Supply, Single/Dual (\pm) Voltage - Input Offset (Max) 1mV @ 5V Current - Input Bias (Max) 1pA @ 5V Current - Output (Typ) 8mA Current - Quiescent (Max) 100 μ A CMRR, PSRR (Typ) 80dB CMRR, 80dB PSRR Propagation Delay (Max) 450ns Hysteresis ± 3 mV Operating Temperature -40°C ~ 85°C	Number of Elements	1
Voltage - Input Offset (Max) $1mV @ 5V$ Current - Input Bias (Max) $1pA @ 5V$ Current - Output (Typ) $8mA$ Current - Quiescent (Max) $100\mu A$ CMRR, PSRR (Typ) $80dB CMRR, 80dB PSRR$ Propagation Delay (Max) $450ns$ Hysteresis $\pm 3mV$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$	Output Type	CMOS, Push-Pull, Rail-to-Rail, TTL
Current - Input Bias (Max) $ 1pA @ 5V $ Current - Output (Typ) $ 8mA $ Current - Quiescent (Max) $ 100\mu A $ CMRR, PSRR (Typ) $ 80dB CMRR, 80dB PSRR $ Propagation Delay (Max) $ 450ns $ Hysteresis $ \pm 3mV $ Operating Temperature $ -40^{\circ}C \sim 85^{\circ}C $	Voltage - Supply, Single/Dual (±)	2.5 V ~ 5.5 V
Current - Output (Typ) $8mA$ Current - Quiescent (Max) $100\mu A$ CMRR, PSRR (Typ) $80dB$ CMRR, $80dB$ PSRR Propagation Delay (Max) $450ns$ Hysteresis $\pm 3mV$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$	Voltage - Input Offset (Max)	1mV @ 5V
Current - Quiescent (Max) $100\mu A$ CMRR, PSRR (Typ) $80dB CMRR, 80dB PSRR$ Propagation Delay (Max) $450ns$ Hysteresis $\pm 3mV$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$	Current - Input Bias (Max)	1pA @ 5V
CMRR, PSRR (Typ) 80dB CMRR, 80dB PSRR Propagation Delay (Max) 450ns Hysteresis $\pm 3\text{mV}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$	Current - Output (Typ)	8mA
Propagation Delay (Max) 450ns Hysteresis $\pm 3\text{mV}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$	Current - Quiescent (Max)	100μΑ
Hysteresis $\pm 3\text{mV}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$	CMRR, PSRR (Typ)	80dB CMRR, 80dB PSRR
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$	Propagation Delay (Max)	450ns
	Hysteresis	$\pm 3 \text{mV}$
Pagkage / Case 9 SOIC (0.154" 2.00mm Width)	Operating Temperature	-40°C ~ 85°C
6-501C (0.154, 5.9011111 Width)	Package / Case	8-SOIC (0.154", 3.90mm Width)
Mounting Type Surface Mount	Mounting Type	Surface Mount
Supplier Device Package 8-SOIC	Supplier Device Package	8-SOIC
Report errors?		Report errors?

MAX9041BESA 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.

MAX9041BESA Payment Methods



















MAX9041BESA Shipping Methods













If you have any question about MAX9041BESA, please do not hesitate to contact us!

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