

# ADG902BRM

### **ADG902BRM Information**

Jow heisener.com	 ADG902BRM Analog Devices Inc. RF/IF and RFID RF Switches IC SW ONE HS SPST 1.6/2.7V 8MSOP 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) For the pricing/inventory/lead time, please contact us	
For Reference Only	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.



### **ADG902BRM Specifications**

ManufacturerAnalog Devices Inc.CategoryRF/F and RFIDRF SwitchesPackage8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Series-Frequency - LowerDCFrequency - Upper2.5GHzIsolation @ Frequency040 @ 016Hz (typ)Insertion Loss @ Frequency0.8dB @ 1GHzTopologySelfectiveCricuitSPSTPIdB17dBm (typ) P1dBFeatures.Inpedance50 OhmOperating Temperature40°C ~ 85°CVoltage - SupplyInserver SupplyProtegoSenraturesFretures.SupplySenraturesRF TypeGeneral PurposePackage / Case\$TSSOP, 8-MSOP (0.118", 3.00mm Width)		
CategoryRF/IF and RFID RF SwitchesPackage8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Series-Frequency - LowerDCFrequency - Upper2.5GHzIsolation @ Frequency40dB @ 1GHz (typ)Insertion Loss @ Frequency0.8dB @ 1GHzIIP336dBm (typ)TopologyReflectiveCircuitSPSTP1dB17dBm (typ) P1dBFeatures-Inpedance50 OhmOperating Temperature-40°C ~ 85°CVoltage - Supply1.65 V ~ 2.75 VRF TypeGeneral PurposePackage / Case8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-MSOP	Manufacturer Part Number	ADG902BRM
RF Switches     Package   &-TSSOP, &-MSOP (0.118", 3.00mm Width)     Series   -     Frequency - Lower   DC     Frequency - Upper   2.5GHz     Isolation @ Frequency   40dB @ 1GHz (typ)     Insertion Loss @ Frequency   0.8dB @ 1GHz     IIP3   36dBm (typ)     Topology   Reflective     Circuit   SPST     PIdB   17dBm (typ) P1dB     Features   -     Operating Temperature   40°C ~ 85°C     Voltage - Supply   1.65 V ~ 2.75 V     RF Type   General Purpose     Package / Case   8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Manufacturer	Analog Devices Inc.
Package8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Series-Frequency - LowerDCFrequency - Upper2.5GHzIsolation @ Frequency40dB @ 1GHz (typ)Insertion Loss @ Frequency0.8dB @ 1GHzIIP336dBm (typ)TopologyReflectiveCircuitSPSTP1dB17dBm (typ) P1dBFeatures-Impedance50 OhmOperating Temperature40°C ~ 85°CVoltage - SupplyGeneral PurposePackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-MSOP	Category	RF/IF and RFID
Series-Frequency - LowerDCFrequency - Upper2.5GHzIsolation @ Frequency40dB @ 1GHz (typ)Insertion Loss @ Frequency0.8dB @ 1GHzInsertion Loss @ Frequency0.8dB @ 1GHzIP336dBm (typ)TopologyReflectiveCircuitSPSTP1dB17dBm (typ) P1dBFeatures-Impedance50 OhmOperating Temperature-40°C ~ 85°CVoltage - Supply1.65 V ~ 2.75 VRF TypeGeneral PurposePackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-MSOP		RF Switches
Frequency - LowerDCFrequency - Upper2.5GHzIsolation @ Frequency40dB @ 1GHz (typ)Insertion Loss @ Frequency0.8dB @ 1GHzInSertion Loss @ Frequency6.8dB (typ)ID908eflectiveTopologyReflectiveCircuitSPSTP1dB17dBm (typ) P1dBFeatures-Inpedance50 OhmOperating Temperature40°C ~ 85°CVoltage - Supply1.65 V ~ 2.75 VRF TypeGeneral PurposePackage / Case8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-MSOP	Package	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
Frequency - Upper   2.5GHz     Isolation @ Frequency   40dB @ 1GHz (typ)     Insertion Loss @ Frequency   0.8dB @ 1GHz     IIP3   36dBm (typ)     Topology   Reflective     Circuit   SPST     P1dB   17dBm (typ) P1dB     Features   -     Inpedance   50 Ohm     Operating Temperature   -40°C ~ 85°C     Voltage - Supply   1.65 V ~ 2.75 V     RF Type   General Purpose     Package / Case   8-TSSOP, 8-MSOP (0.118", 3.00mm Width)     Supplier Device Package   8-MSOP	Series	-
Instruction40dB @ 1GHz (typ)Isolation @ Frequency0.8dB @ 1GHzInsertion Loss @ Frequency0.8dB @ 1GHzIIP336dBm (typ)TopologyReflectiveCircuitSPSTP1dB17dBm (typ) P1dBFeatures-Impedance50 OhmOperating Temperature-40°C ~ 85°CVoltage - Supply1.65 V ~ 2.75 VRF TypeGeneral PurposePackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-MSOP	Frequency - Lower	DC
Insertion Loss @ Frequency0.8dB @ 1GHzIIP336dBm (typ)TopologyReflectiveCircuitSPSTP1dB17dBm (typ) P1dBFeatures-Impedance50 OhmOperating Temperature-40°C ~ 85°CVoltage - Supply1.65 V ~ 2.75 VRF TypeGeneral PurposePackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-MSOP	Frequency - Upper	2.5GHz
IIP336dBm (typ)TopologyReflectiveCircuitSPSTP1dB17dBm (typ) P1dBFeatures-Impedance50 OhmOperating Temperature-40°C ~ 85°CVoltage - Supply1.65 V ~ 2.75 VRF TypeGeneral PurposePackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-MSOP	Isolation @ Frequency	40dB @ 1GHz (typ)
TopologyReflectiveCircuitSPSTP1dB17dBm (typ) P1dBFeatures-Impedance50 OhmOperating Temperature-40°C ~ 85°CVoltage - Supply1.65 V ~ 2.75 VRF TypeGeneral PurposePackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-MSOP	Insertion Loss @ Frequency	0.8dB @ 1GHz
CircuitSPSTP1dB17dBm (typ) P1dBFeatures-Impedance50 OhmOperating Temperature-40°C ~ 85°CVoltage - Supply1.65 V ~ 2.75 VRF TypeGeneral PurposePackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	IIP3	36dBm (typ)
P1dB 17dBm (typ) P1dB   Features -   Impedance 50 Ohm   Operating Temperature -40°C ~ 85°C   Voltage - Supply 1.65 V ~ 2.75 V   RF Type General Purpose   Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)   Supplier Device Package 8-MSOP	Topology	Reflective
Features-Impedance50 OhmOperating Temperature-40°C ~ 85°CVoltage - Supply1.65 V ~ 2.75 VRF TypeGeneral PurposePackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-MSOP	Circuit	SPST
Impedance   50 Ohm     Operating Temperature   -40°C ~ 85°C     Voltage - Supply   1.65 V ~ 2.75 V     RF Type   General Purpose     Package / Case   8-TSSOP, 8-MSOP (0.118", 3.00mm Width)     Supplier Device Package   8-MSOP	P1dB	17dBm (typ) P1dB
Operating Temperature-40°C ~ 85°CVoltage - Supply1.65 V ~ 2.75 VRF TypeGeneral PurposePackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-MSOP	Features	-
Voltage - Supply1.65 V ~ 2.75 VRF TypeGeneral PurposePackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-MSOP	Impedance	50 Ohm
RF TypeGeneral PurposePackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-MSOP	Operating Temperature	-40°C ~ 85°C
Package / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-MSOP	Voltage - Supply	1.65 V ~ 2.75 V
Supplier Device Package 8-MSOP	RF Type	General Purpose
	Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
Report errors?	Supplier Device Package	8-MSOP
		Report errors?

### **ADG902BRM 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.

#### **ADG902BRM Payment Methods**





If you have any question about ADG902BRM, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com