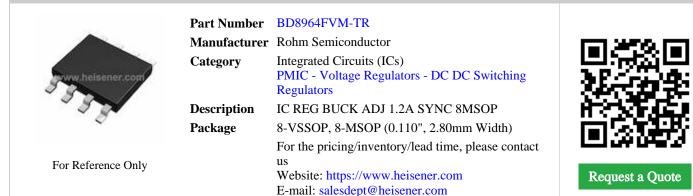


# **BD8964FVM-TR**

#### **BD8964FVM-TR Information**



## **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.



#### **BD8964FVM-TR Specifications**

ManufacturerRohm SemiconductorCategoryIntegrated Circuits (ICs)PMIC - Voltage Regulators - DC DC Switching RegulatorsPackage8-VSSOP, 8-MSOP (0.110", 2.80mm Width)Package-FunctionStep-DownOutput ConfigurationYesOutput ConfigurationBuckOutput TypeAdjustableOutput Type1Voltage - Input (Min)4VVoltage - Output (Min/Fixed)1.5VVoltage - Output (Min/Fixed)1.8VVoltage - Output (Max)1.8VCurrent - Output1.8VCurrent - Output1.2ASynchronous RectifierYesOperating Temperature-25°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case8-WSSOP, 8-MSOP (0.110", 2.80mm Width)Supplier Device Package8-MSOP		
CategoryIntegrated Circuits (ICs)PAckagePMIC - Voltage Regulators - DC DC Switching RegulatorsPackage8-VSSOP, 8-MSOP (0.110", 2.80mm Width)Series-FunctionStep-DownOutput ConfigurationStep-DownPoologyBuckOutput TypeAdjustableOutput Type1Voltage - Input (Min)4VVoltage - Output (Min/Fixed)1.VVoltage - Output (Min/Fixed)1.8VVoltage - Output (Min/Fixed)1.8VVoltage - Output (Min/Fixed)1.2APrequency - Switching1.4LSynchronous RectifierYesOperating Temperature-25°C ~ 85°C (TA)Package / Case8-WSSOP (0.110", 2.80mm Width)Supplier Device Package8-MSOP	Manufacturer Part Number	BD8964FVM-TR
PMIC - Voltage Regulators - DC DC Switching RegulatorsPackage8-VSSOP, 8-MSOP (0.110", 2.80mm Width)Series-FunctionStep-DownOutput ConfigurationPositiveBuckOutput TypeAdjustableNumber of Outputs1Voltage - Input (Min)4VVoltage - Output (Min/Fixed)1.VVoltage - Output (Min/Fixed)1.VVoltage - Output (Min/Fixed)1.8VCurrent - Output1.2AFrequency - Switching1.MHzSynchronous RectifierYesOperating Temperature-25°C ~ 85°C (TA)Package / Case8-WSSOP, 8-MSOP (0.110", 2.80mm Width)Supplier Device Package8-MSOP	Manufacturer	Rohm Semiconductor
Package8-VSSOP, 8-MSOP (0.110", 2.80mm Width)Series-FunctionStep-DownOutput ConfigurationPositiveTopologyBuckOutput TypeAdjustableNumber of Outputs1Voltage - Input (Min)4VVoltage - Input (Min/Fixed)1VVoltage - Output (Min/Fixed)1.8VVoltage - Output (Min/Fixed)1.8VCurrent - Output1.2AFrequency - Switching1MHzSynchronous RectifierYesOperating Temperature-25°C ~ 85°C (TA)Mounting Type8-VSSOP, 8-MSOP (0.110", 2.80mm Width)Package / Case8-VSSOP, 8-MSOP (0.110", 2.80mm Width)	Category	Integrated Circuits (ICs)
Series-FunctionStep-DownOutput ConfigurationPositiveTopologyBuckOutput TypeAdjustableNumber of Outputs1Voltage - Input (Min)4VVoltage - Input (Min/Fixed)5.5VVoltage - Output (Min/Fixed)1.8VVoltage - Output (Max)1.8VCurrent - Output1.2AFrequency - Switching1MHzSynchronous RectifierYesOperating Temperature-25°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case8-MSOP (0.110", 2.80mm Width)		PMIC - Voltage Regulators - DC DC Switching Regulators
FunctionStep-DownOutput ConfigurationPositiveTopologyBuckOutput TypeAdjustableOutput Type1Number of Outputs4VVoltage - Input (Min)5.5VVoltage - Output (Min/Fixed)1.VVoltage - Output (Min/Fixed)1.8VVoltage - Output (Max)1.8VCurrent - Output1.2AFrequency - SwitchingYesOperating Temperature-25°C ~85°C (TA)Mounting TypeSurface MountPackage / Case8-MSOP (0.110", 2.80mm Width)	Package	8-VSSOP, 8-MSOP (0.110", 2.80mm Width)
Output ConfigurationPositiveTopologyBuckOutput TypeAdjustableNumber of Outputs1Voltage - Input (Min)4VVoltage - Input (Max)5.5VVoltage - Output (Min/Fixed)1VVoltage - Output (Min/Fixed)1.8VCurrent - Output1.2AFrequency - Switching1MHzSynchronous RectifierYesOperating Temperature-25°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case8-VSSOP, 8-MSOP (0.110", 2.80mm Width)	Series	-
TopologyBuckOutput TypeAdjustableNumber of Outputs1Voltage - Input (Min)4VVoltage - Input (Max)5.5VVoltage - Output (Min/Fixed)1VVoltage - Output (Max)1.8VCurrent - Output1.2AFrequency - Switching1MHzSynchronous RectifierYesOperating Temperature-25°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case8-VSSOP (0.110", 2.80mm Width)Supplier Device Package8-MSOP	Function	Step-Down
Output TypeAdjustableOutput TypeAdjustableNumber of Outputs1Voltage - Input (Min)4VVoltage - Input (Max)5.5VVoltage - Output (Min/Fixed)1VVoltage - Output (Max)1.8VCurrent - Output1.2AFrequency - Switching1MHzSynchronous Rectifier-25°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case8-VSSOP, 8-MSOP (0.110", 2.80mm Width)Supplier Device Package8-MSOP	Output Configuration	Positive
Number of Outputs1Number of Outputs1Voltage - Input (Min)4VVoltage - Input (Max)5.5VVoltage - Output (Min/Fixed)1VVoltage - Output (Max)1.8VCurrent - Output1.2AFrequency - Switching1MHzSynchronous RectifierYesOperating Temperature-25°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case8-VSSOP, 8-MSOP (0.110", 2.80mm Width)Supplier Device Package8-MSOP	Topology	Buck
Voltage - Input (Min)4VVoltage - Input (Max)5.5VVoltage - Output (Min/Fixed)1VVoltage - Output (Max)1.8VCurrent - Output1.2AFrequency - Switching1MHzSynchronous RectifierYesOperating Temperature-25°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case8-VSSOP, 8-MSOP (0.110", 2.80mm Width)	Output Type	Adjustable
Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)1VVoltage - Output (Max)1.8VCurrent - Output1.2AFrequency - Switching1MHzSynchronous RectifierYesOperating Temperature-25°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case8-VSSOP, 8-MSOP (0.110", 2.80mm Width)Supplier Device Package8-MSOP	Number of Outputs	1
Voltage - Output (Min/Fixed)IVVoltage - Output (Max)1.8VCurrent - Output1.2AFrequency - Switching1MHzSynchronous RectifierYesOperating Temperature-25°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case8-VSSOP, 8-MSOP (0.110", 2.80mm Width)Supplier Device Package8-MSOP	Voltage - Input (Min)	4V
Voltage - Output (Max)1.8VCurrent - Output1.2AFrequency - Switching1MHzSynchronous RectifierYesOperating Temperature-25°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case8-VSSOP, 8-MSOP (0.110", 2.80mm Width)Supplier Device Package8-MSOP	Voltage - Input (Max)	5.5V
Current - Output1.2AFrequency - Switching1MHzSynchronous RectifierYesOperating Temperature-25°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case8-VSSOP, 8-MSOP (0.110", 2.80mm Width)Supplier Device Package8-MSOP	Voltage - Output (Min/Fixed)	1V
Frequency - Switching1MHzSynchronous RectifierYesOperating Temperature-25°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case8-VSSOP, 8-MSOP (0.110", 2.80mm Width)Supplier Device Package8-MSOP	Voltage - Output (Max)	1.8V
Synchronous RectifierYesOperating Temperature-25°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case8-VSSOP, 8-MSOP (0.110", 2.80mm Width)Supplier Device Package8-MSOP	Current - Output	1.2A
Operating Temperature-25°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case8-VSSOP, 8-MSOP (0.110", 2.80mm Width)Supplier Device Package8-MSOP	Frequency - Switching	1MHz
Mounting TypeSurface MountPackage / Case8-VSSOP, 8-MSOP (0.110", 2.80mm Width)Supplier Device Package8-MSOP	Synchronous Rectifier	Yes
Package / Case8-VSSOP, 8-MSOP (0.110", 2.80mm Width)Supplier Device Package8-MSOP	Operating Temperature	-25°C ~ 85°C (TA)
Supplier Device Package 8-MSOP	Mounting Type	Surface Mount
	Package / Case	8-VSSOP, 8-MSOP (0.110", 2.80mm Width)
Report errors?	Supplier Device Package	8-MSOP
Report circles.		Report errors?

#### **BD8964FVM-TR 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 BUARANTEE

#### **Service Guarantees**

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

#### **BD8964FVM-TR Payment Methods**



### **BD8964FVM-TR Shipping Methods**



If you have any question about BD8964FVM-TR, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com