

# FAN5602MU33X

#### FAN5602MU33X 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.



#### FAN5602MU33X Specifications

ManufacturerFairchild/ON SemiconductorCategoryIntegrated Circuits (ICS)PMIC - Voltage Regulators - DC DC Switching RegulatorsPackage8-VSSOP, 8-MSOP (0.118", 3.00mm Width)Package-Stries-FunctionStep-Up/Step-DownOutput ConfigurationPositiveTopologyCharge PumpOutput TypeFixedNumber of Outputs1Voltage - Input (Min)1.8VVoltage - Input (Min/Fixed)3.3VVoltage - Output (Min/Fixed)3.3VVoltage - Output (Min/Fixed)1.0Synchronous Rectifier0.0Synchronous RectifierNoOutput Type4.0°C ~ 85°C (TA)Mounting Type8.4NSOP (0.118", 3.00mm Width)Package / Case8.4NSOP (0.118", 3.00mm Width)Supplier Device Package8.4NSOP (0.118", 3.00mm Width)	_	
CategoryIntegrated Circuits (ICs)PMIC - Voltage Regulators - DC DC Switching RegulatorsPackage8-VSSOP, 8-MSOP (0.118", 3.00mm Width)Series-FunctionStep-Up/Step-DownOutput ConfigurationPositiveTopologyCharge PumpOutput TypeFixedNumber of Outputs1Voltage - Input (Min/)5.5VVoltage - Output (Min/Fixed)3.3VVoltage - Output (Min/Fixed)3.3VVoltage - Output (Min/Fixed)1000000000000000000000000000000000000	Manufacturer Part Number	FAN5602MU33X
PackagePMIC - Voltage Regulators - DC DC Switching RegulatorsPackage8-VSSOP, 8-MSOP (0.118", 3.00mm Width)Series-FunctionStep-Up/Step-DownOutput ConfigurationPositiveTopologyCharge PumpOutput TypeFixedNumber of Outputs1Voltage - Input (Min)1.8VVoltage - Output (Min/Fixed)5.5VVoltage - Output (Min/Fixed)3.3VVoltage - Output (Min/Fixed)3.3VVoltage - Output (Max)-Current - Output200mAPrequency - SwitchingIMHzSynchronous RectifierNoOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case8-VSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-MSOP	Manufacturer	Fairchild/ON Semiconductor
Package8-VSSOP, 8-MSOP (0.118", 3.00mm Width)Series-FunctionStep-Up/Step-DownOutput ConfigurationPositiveTopologyCharge PumpOutput TypeFixedNumber of Outputs1Voltage - Input (Min)1.8VVoltage - Input (Min/Fixed)3.3VVoltage - Output (Min/Fixed)3.3VVoltage - Output (Max)-Current - Output200mAFrequency - SwitchingIMHzSynchronous RectifierNoOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case8-WSSOP, 8-MSOP (0.118", 3.00mm Width)	Category	Integrated Circuits (ICs)
Series-FunctionStep-Up/Step-DownOutput ConfigurationPositiveTopologyCharge PumpOutput TypeFixedNumber of Outputs1Voltage - Input (Min)1.8VVoltage - Input (Max)5.5VVoltage - Output (Min/Fixed)3.3VVoltage - Output (Max)-Current - Output200mAFrequency - SwitchingIMHzSynchronous RectifierNoOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case8-WSSOP, 8-MSOP (0.118", 3.00mm Width)		PMIC - Voltage Regulators - DC DC Switching Regulators
FunctionStep-Up/Step-DownOutput ConfigurationPositiveTopologyCharge PumpOutput TypeFixedOutput TypeINumber of Outputs1Voltage - Input (Min)1.8VVoltage - Input (Max)5.5VVoltage - Output (Max)-Voltage - Output (Max)200mACurrent - Output200mAFrequency - SwitchingNoOperating TemperatureAv0°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case8-MSOP (0.118", 3.00mm Width)	Package	8-VSSOP, 8-MSOP (0.118", 3.00mm Width)
Output ConfigurationPositiveOutput ConfigurationPositiveTopologyCharge PumpOutput TypeFixedNumber of Outputs1Voltage - Input (Min)1.8VVoltage - Input (Max)5.5VVoltage - Output (Min/Fixed)3.3VVoltage - Output (Max)-Current - Output200mAFrequency - Switching1MHzSynchronous RectifierNoOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case8-VSSOP, 8-MSOP (0.118", 3.00mm Width)	Series	-
TopologyCharge PumpOutput TypeFixedNumber of Outputs1Voltage - Input (Min)1.8VVoltage - Input (Max)5.5VVoltage - Output (Min/Fixed)3.3VVoltage - Output (Max)-Current - Output200mAFrequency - Switching1MHzSynchronous RectifierNoOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case8-VSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-MSOP	Function	Step-Up/Step-Down
Output TypeFixedNumber of Outputs1Voltage - Input (Min)1.8VVoltage - Input (Max)5.5VVoltage - Output (Min/Fixed)3.3VVoltage - Output (Max)-Current - Output200mAFrequency - Switching1MHzSynchronous RectifierNoOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case8-VSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-MSOP	Output Configuration	Positive
Number of Outputs1Number of Outputs1.8VVoltage - Input (Max)5.5VVoltage - Output (Min/Fixed)3.3VVoltage - Output (Max)-Current - Output200mAFrequency - Switching1MHzSynchronous RectifierNoOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case8-VSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-MSOP	Topology	Charge Pump
Voltage - Input (Min)1.8VVoltage - Input (Max)5.5VVoltage - Output (Min/Fixed)3.3VVoltage - Output (Max)-Current - Output200mAFrequency - Switching1MHzSynchronous RectifierNoOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case8-VSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-MSOP	Output Type	Fixed
Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)3.3VVoltage - Output (Max)-Current - Output200mAFrequency - Switching1MHzSynchronous RectifierNoOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case8-VSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-MSOP	Number of Outputs	1
Voltage - Output (Min/Fixed)3.3VVoltage - Output (Max)-Current - Output200mAFrequency - Switching1MHzSynchronous RectifierNoOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case8-VSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-MSOP	Voltage - Input (Min)	1.8V
Voltage - Output (Max)-Current - Output200mAFrequency - Switching1MHzSynchronous RectifierNoOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case8-VSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-MSOP	Voltage - Input (Max)	5.5V
Current - Output200mAFrequency - Switching1MHzSynchronous RectifierNoOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case8-VSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-MSOP	Voltage - Output (Min/Fixed)	3.3V
Frequency - Switching1MHzSynchronous RectifierNoOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case8-VSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-MSOP	Voltage - Output (Max)	-
Synchronous RectifierNoOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case8-VSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-MSOP	Current - Output	200mA
Operating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case8-VSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-MSOP	Frequency - Switching	1MHz
Mounting TypeSurface MountPackage / Case8-VSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-MSOP	Synchronous Rectifier	No
Package / Case8-VSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-MSOP	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package 8-MSOP	Mounting Type	Surface Mount
	Package / Case	8-VSSOP, 8-MSOP (0.118", 3.00mm Width)
Report errors?	Supplier Device Package	8-MSOP
		Report errors?

#### FAN5602MU33X 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.

# FAN5602MU33X Payment Methods



## FAN5602MU33X Shipping Methods



If you have any question about FAN5602MU33X, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com