

MIC2178YWM-TR

MIC2178YWM-TR Information

www.belsener.com		MIC2178YWM-TR Microchip Technology Integrated Circuits (ICs) PMIC - Voltage Regulators - DC DC Switching Regulators	回438回 1397-199
	Description Package	IC REG BUCK ADJ 2.5A 20SOIC 20-SOIC (0.295", 7.50mm Width)	
For Reference Only		For the pricing/inventory/lead time, please contact us Website: https://www.heisener.com	Request a Quote
		E-mail: salesdept@heisener.com	

Certified Quality

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MIC2178YWM-TR Specifications

ManufacturerMicrochip TechnologyCategoryIntegrated Circuits (ICs) PMIC - Voltage Regulators - DC DC Switching RegulatorsPackage20-SOIC (0.295", 7.50mm Width)PackageStep-Down Width)PortionStep-DownDutput ConfigurationKenePoologyBuckDutput TypeAdjustableVoltage Input (Min)1.5VVoltage Output (Min/Fixed)1.245VVoltage Output (Max)1.5VVoltage Output (Max)1.5VCurrent Output1.5VVoltage Output (Max)1.5VVoltage Output (Max)0.5VVoltage Output (Max)0.5VVoltage Output (Max)0.5VVoltage Output (Max)0.5VVoltage Output (Max)0.5VCurrent Output2.5ASynchronous RectifierNoOperating Temperature40°C ~ 125°C (TJ)Voltage TypeSurface MountPackage / Case0.5SOIC (0.295", 7.50mm Width)	Manufacturer Part Number	MIC2178YWM-TR
CategoryIntegrated Circuits (ICs)PMIC - Voltage Regulators - DC DC Switching RegulatorsPackage20-SOIC (0.295", 7.50mm Width)Series-FunctionStep-DownDutput ConfigurationPositivePooluput ConfigurationPositiveDutput TypeAdjustableNumber of Outputs1Voltage - Input (Min)4.5VVoltage - Output (Min/Fixed)1.245VVoltage - Output (Min/Fixed)1.245VCurrent - Output2.5ACurrent - Output2.5ASynchronous RectifierNoOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case20-SOIC (0.295", 7.50mm Width)		
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Dutput Type Adjustable Dutput Type Adjustable Number of Outputs 1 Voltage - Input (Min) 4.5V Voltage - Input (Max) 16.5V Voltage - Output (Min/Fixed) 1.245V Voltage - Output (Max) 16.5V Current - Output 2.5A Sequency - Switching 200kHz Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case 20-SOIC (0.295", 7.50mm Width)	Output Configuration	Positive
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Voltage - Input (Min) 4.5V Voltage - Input (Max) 16.5V Voltage - Output (Min/Fixed) 1.245V Voltage - Output (Max) 16.5V Current - Output 2.5A Current - Output 200kHz Synchronous Rectifier No Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case 20-SOIC (0.295", 7.50mm Width) Supplier Device Package 20-SOIC	Output Type	Adjustable
Voltage - Input (Max)16.5VVoltage - Output (Min/Fixed)1.245VVoltage - Output (Max)16.5VCurrent - Output2.5AFrequency - Switching200kHzSynchronous RectifierNoOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case20-SOIC (0.295", 7.50mm Width)Supplier Device Package20-SOIC	Number of Outputs	1
Voltage - Output (Min/Fixed)1.245VVoltage - Output (Max)16.5VCurrent - Output2.5AFrequency - Switching200kHzSynchronous RectifierNoOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case20-SOIC (0.295", 7.50mm Width)Supplier Device Package20-SOIC	Voltage - Input (Min)	4.5V
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Current - Output2.5AFrequency - Switching200kHzSynchronous RectifierNoOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case20-SOIC (0.295", 7.50mm Width)Supplier Device Package20-SOIC	Voltage - Output (Min/Fixed)	1.245V
Frequency - Switching200kHzSynchronous RectifierNoOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case20-SOIC (0.295", 7.50mm Width)Supplier Device Package20-SOIC	Voltage - Output (Max)	16.5V
Synchronous RectifierNoOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case20-SOIC (0.295", 7.50mm Width)Supplier Device Package20-SOIC	Current - Output	2.5A
Derating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case20-SOIC (0.295", 7.50mm Width)Supplier Device Package20-SOIC	Frequency - Switching	200kHz
Mounting TypeSurface MountPackage / Case20-SOIC (0.295", 7.50mm Width)Supplier Device Package20-SOIC	Synchronous Rectifier	No
Package / Case20-SOIC (0.295", 7.50mm Width)Supplier Device Package20-SOIC	Operating Temperature	-40°C ~ 125°C (TJ)
Supplier Device Package 20-SOIC	Mounting Type	Surface Mount
	Package / Case	20-SOIC (0.295", 7.50mm Width)
Report errors?	Supplier Device Package	20-SOIC
		Report errors?

MIC2178YWM-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.

MIC2178YWM-TR Payment Methods



MIC2178YWM-TR Shipping Methods



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