

TPS62040DGQG4

u Quote

TPS62040DGQG4 Information

	Part Number	TPS62040DGQG4	
- Uir	Manufacturer	Texas Instruments	
None of the lot	Category	Integrated Circuits (ICs) PMIC - Voltage Regulators - DC DC Switching Regulators	
Jun .	Description	IC REG BUCK ADJ 1.2A SYNC 10MSOP	22.62
	Package	10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Exposed Pad	前將
For Reference Only		For the pricing/inventory/lead time, please contact	
		us Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a

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TPS62040DGQG4 Specifications

Manufacturer Texas Instruction Category Integrated Circuits (ICs) PMIC - Voltage Regulators - DC DC Switching Regulators Package 10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Exposed Pad Series - Function Step-Down Output Configuration Positive Topology Buck Output Type Adjustable Output Min 2.5V Voltage - Input (Mar) 6V Voltage - Output (Min/Fixed) 0.7V Voltage - Output (Mar) 6V Current - Output 1.2A Frequency - Switching 1.2SMHz Synchronous Rectifier Yes Operating Temperature 40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case 10-TFSOP (0.118", 3.00mm Width) Exposed Pad	~ I			
CategoryIntegrated Circuits (ICs)PMIC - Voltage Regulators - DC DC Switching RegulatorsPackage10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Exposed PadSeries-FunctionStep-DownOutput ConfigurationStep-DownDoutput ConfigurationPositiveTopologyBuckOutput TypeAdjustableOutput Type2.5VVoltage - Input (Man)6VVoltage - Output (Min/Fixed)6VVoltage - Output (Mar)6VCurrent - Output1.2AFrequency - Switching1.2SMHzSynchronous RectifierYesOperating Temperature40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package10-MSOP-PowerPad	Manufacturer Part Number	TPS62040DGQG4		
PMIC - Voltage Regulators - DC DC Switching RegulatorsPackage10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Exposed PadSeries-FunctionStep-DownDutput ConfigurationPositivePoologyBuckDutput TypeAdjustableNumber of Outputs1Voltage - Input (Min)2.5VVoltage - Output (Min/Fixed)6VVoltage - Output (Min/Fixed)0.7VVoltage - Output (Min/Fixed)6VCurrent - Output1.2APrequency - Switching1.2SMHzSynchronous RectifierYesOperating Temperature-40°C ~ 85°C (TA)Package / Case10-MSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package10-MSOP-PowerPad	Manufacturer	Texas Instruments		
Package10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Exposed PadSeries-FunctionStep-DownOutput ConfigurationPositivePopologyBuckOutput TypeAdjustableNumber of Outputs1Voltage - Input (Min)2.5VVoltage - Output (Min/Fixed)0.7VVoltage - Output (Min/Fixed)0.7VVoltage - Output (Max)6VVoltage - Output (Max)6VVoltage - Output (Max)6VOperating Temperature1.2AFrequency - Switching1.25MHzSynchronous RectifierYesOperating Temperature40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package10-MSOP-PowerPad	Category	Integrated Circuits (ICs)		
Series-FunctionStep-DownOutput ConfigurationPositiveTopologyBuckOutput TypeAdjustableNumber of Outputs1Voltage - Input (Min)2.5VVoltage - Input (Min/Fixed)6VVoltage - Output (Min/Fixed)0.7VVoltage - Output (Min/Fixed)6VVoltage - Output (Min/Fixed)1.2ACurrent - Output1.2MHZSynchronous RectifierYesOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case10-MTSOP, 10-MSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package10-MSOP-PowerPad		PMIC - Voltage Regulators - DC DC Switching Regulators		
FunctionStep-DownOutput ConfigurationPositivePopologyBuckOutput TypeAdjustableOutput Type1Number of Outputs1Voltage - Input (Min)2.5VVoltage - Output (Min/Fixed)6VVoltage - Output (Min/Fixed)0.7VVoltage - Output (Max)6VCurrent - Output1.2AFrequency - Switching1.25MHzSynchronous RectifierYesOperating Type40°C ~ 85°C (TA)Package / Case10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Exposed PadSynplier Device Package10-MSOP-PowerPad	Package	10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Exposed Pad		
Output ConfigurationPositiveTopologyBuckDutput TypeAdjustableNumber of Outputs1Voltage - Input (Min)2.5VVoltage - Input (Max)6VVoltage - Output (Min/Fixed)0.7VVoltage - Output (Max)6VCurrent - Output1.2AFrequency - Switching1.25MHzSynchronous RectifierYesOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case10-MSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package10-MSOP-PowerPad	Series	-		
FopologyBuckOutput TypeAdjustableNumber of Outputs1Voltage - Input (Min)2.5VVoltage - Input (Max)6VVoltage - Output (Min/Fixed)0.7VVoltage - Output (Max)6VCurrent - Output1.2AFrequency - Switching1.2SMHzSynchronous RectifierYesOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package10-MSOP-PowerPad	Function	Step-Down		
Output TypeAdjustableOutput Type1Number of Outputs1Voltage - Input (Min)2.5VVoltage - Input (Max)6VVoltage - Output (Min/Fixed)0.7VVoltage - Output (Max)6VCurrent - Output1.2AFrequency - Switching1.25MHzSynchronous RectifierYesOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package10-MSOP-PowerPad	Output Configuration	Positive		
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Voltage - Input (Min)2.5VVoltage - Input (Max)6VVoltage - Output (Min/Fixed)0.7VVoltage - Output (Max)6VCurrent - Output1.2AFrequency - Switching1.25MHzSynchronous RectifierYesOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package10-MSOP-PowerPad	Output Type	Adjustable		
Voltage - Input (Max)6VVoltage - Output (Min/Fixed)0.7VVoltage - Output (Max)6VCurrent - Output1.2ACurrent - Output1.2SMHzFrequency - SwitchingYesOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package10-MSOP-PowerPad	Number of Outputs	1		
Voltage - Output (Min/Fixed)0.7VVoltage - Output (Max)6VCurrent - Output1.2AFrequency - Switching1.25MHzSynchronous RectifierYesOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package10-MSOP-PowerPad	Voltage - Input (Min)	2.5V		
Voltage - Output (Max)6VCurrent - Output1.2AFrequency - Switching1.25MHzSynchronous RectifierYesOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package10-MSOP-PowerPad	Voltage - Input (Max)	6V		
Current - Output1.2AFrequency - Switching1.25MHzSynchronous RectifierYesOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package10-MSOP-PowerPad	Voltage - Output (Min/Fixed)	0.7V		
Frequency - Switching1.25MHzSynchronous RectifierYesOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package10-MSOP-PowerPad	Voltage - Output (Max)	6V		
Synchronous RectifierYesOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package10-MSOP-PowerPad	Current - Output	1.2A		
Operating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package10-MSOP-PowerPad	Frequency - Switching	1.25MHz		
Mounting TypeSurface MountPackage / Case10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package10-MSOP-PowerPad	Synchronous Rectifier	Yes		
Package / Case10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package10-MSOP-PowerPad	Operating Temperature	-40°C ~ 85°C (TA)		
Supplier Device Package 10-MSOP-PowerPad	Mounting Type	Surface Mount		
	Package / Case	10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Exposed Pad		
Report errors?	Supplier Device Package	10-MSOP-PowerPad		
		Report errors?		

TPS62040DGQG4 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

Service Guarantees

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

TPS62040DGQG4 Payment Methods



If you have any question about TPS62040DGQG4, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com