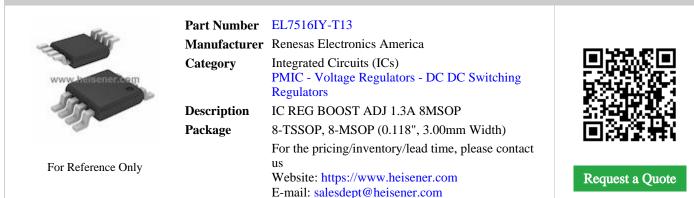


EL7516IY-T13

EL7516IY-T13 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.



EL7516IY-T13 Specifications

ManufacturerRenesas Electronics AmericaCategoryIntegrated Circuits (ICs) PMIC - Voltage Regulators - DC DC Switching RegulatorsPackage8-TSSOP, 8-MSOP (0.118", 3.00mm Width)PackageSeriesSeries-PuttoringStep-UpDutput ConfigurationKosiPoologyBoostDutput TypeAdjustableVoltage - Input (Man)2.6VVoltage - Input (Man)2.6VVoltage - Output (Min/Fixed)2.6VVoltage - Output (Man/Fixed)1.3A (Switch)Current - Output1.3A (Switch)Current - Output620kHz, 1.25MHzSynchronous RectifierNoOperating Temperature40°C ~ 85°C (TA)Package / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width)		
CategoryIntegrated Circuits (ICs)PMIC - Voltage Regulators - DC DC Switching RegulatorsPackage8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Package-Series-PartonStep-UpDutput ConfigurationSosiPooluput ConfigurationBoostDutput TypeAdjustableNumber of Outputs1Voltage - Input (Min)2.6VVoltage - Output (Min/Fixed)2.6VVoltage - Output (Max)1.8V (Switch)Current - Output1.3A (Switch)Current - Output6.00KL, 1.2SMHzSynchronous RectifierNoOperating Temperature4.0°C ~ 85°C (TA)Package / Case8.TSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-MSOP	Manufacturer Part Number	EL7516IY-T13
PMIC - Voltage Regulators - DC DC Switching RegulatorsPackage8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Series-FunctionStep-UpDutput ConfigurationPositiveFopologyBoostDutput TypeAdjustableVoltage - Input (Min)2.6VVoltage - Output (Min/Fixed)2.6VVoltage - Output (Min/Fixed)2.6VVoltage - Output (Min/Fixed)3.5VCurrent - Output1.3A (Switch)Current - Output620kHz, 1.25MHzSynchronous RectifierNoOperating Temperature-40°C ~ 85°C (TA)Adsage / Case8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-MSOP (0.118", 3.00mm Width)	Manufacturer	Renesas Electronics America
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Series-FunctionStep-UpDutput ConfigurationPositiveFopologyBoostDutput TypeAdjustableDutput Type1Voltage - Input (Min)2.6VVoltage - Input (Min/Fixed)2.6VVoltage - Output (Min/Fixed)2.6VVoltage - Output (Min/Fixed)3.6VVoltage - Output (Min/Fixed)6.0KVoltage - Output (Min/Fixed)6.0KVoltage - Output (Max)1.3X (Switch)Current - Output1.3A (Switch)Current - Output6.0KHz, 1.25MHzSynchronous RectifierNoOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-MSOP		PMIC - Voltage Regulators - DC DC Switching Regulators
FunctionStep-UpDutput ConfigurationPositiveFopologyBoostDutput TypeAdjustableDutput Type1Voltage - Input (Min)2.6VVoltage - Input (Min/Fixed)5.5VVoltage - Output (Min/Fixed)2.6VVoltage - Output (Min/Fixed)18V (Switch)Current - Output1.3A (Switch)Strequency - Switching620kHz, 1.25MHzOperating Temperature40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-MSOP	Package	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
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Voltage - Input (Min) 2.6V Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 2.6V Voltage - Output (Max) 18V (Switch) Current - Output 1.3A (Switch) Current - Output 620kHz, 1.25MHz Synchronous Rectifier No Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Output Type	Adjustable
Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)2.6VVoltage - Output (Max)18V (Switch)Current - Output1.3A (Switch)Current - Output620kHz, 1.25MHzFrequency - Switching620kHz, 1.25MHzSynchronous RectifierNoOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-MSOP	Number of Outputs	1
Voltage - Output (Min/Fixed)2.6VVoltage - Output (Max)18V (Switch)Current - Output1.3A (Switch)Frequency - Switching620kHz, 1.25MHzSynchronous RectifierNoOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-MSOP	Voltage - Input (Min)	2.6V
Voltage - Output (Max)18V (Switch)Current - Output1.3A (Switch)Current - Output620kHz, 1.25MHzFrequency - Switching620kHz, 1.25MHzSynchronous RectifierNoOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-MSOP	Voltage - Input (Max)	5.5V
Current - Output1.3A (Switch)Frequency - Switching620kHz, 1.25MHzSynchronous RectifierNoOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-MSOP	Voltage - Output (Min/Fixed)	2.6V
Frequency - Switching620kHz, 1.25MHzSynchronous RectifierNoOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-MSOP	Voltage - Output (Max)	18V (Switch)
Synchronous RectifierNoOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-MSOP	Current - Output	1.3A (Switch)
Derating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-MSOP	Frequency - Switching	620kHz, 1.25MHz
Mounting TypeSurface MountPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-MSOP	Synchronous Rectifier	No
Package / Case8-TSSOP, 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-TSSOP, 8-MSOP (0.118", 3.00mm Width)
Report errors?	Supplier Device Package	8-MSOP
		Report errors?

EL7516IY-T13 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 EUARANTEE

Service Guarantees

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

EL7516IY-T13 Payment Methods



EL7516IY-T13 Shipping Methods



If you have any question about EL7516IY-T13, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com