

LM2588SX-3.3/NOPB

LM2588SX-3.3/NOPB Information



For Reference Only

Part Number	LM2588SX-3.3/NOPB	
Manufacturer	Texas Instruments	
Category	Integrated Circuits (ICs) PMIC - Voltage Regulators - DC DC Switching Regulators	
Description	IC REG MULT CONFIG 3.3V 5A TO263	
Package	TO-263-8, D2Pak (7 Leads + Tab), TO-263CA	
	For the pricing/inventory/lead time, please contact us Website: https://www.heisener.com E-mail: salesdept@heisener.com	



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LM2588SX-3.3/NOPB Specifications

Manufacturer Part NumberLM2588SX-3.3/NOPBManufacturerTexas InstrumentsCategoryIntegrated Circuits (ICs)PMIC - Voltage Regulators - DC DC Switching RegulatorsPackageTO-263-8, D2Pak (7 Leads + Tab), TO-263CASeriesSIMPLE SWITCHER?FunctionStep-Up, Step-Up/Step-DownOutput ConfigurationPositiveTopologyBoost, Flyback, Forward ConverterOutput TypeFixedNumber of Outputs1Voltage - Input (Min)4VVoltage - Output (Min/Fixed)3.3VVoltage - Output (Min/Fixed)3.3VVoltage - Output (Min/Fixed)5.4 (Switch)Frequency - Switching100kHz - 200kHzSynchronous RectifierNoOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / CaseDDPAK/TO-263-7		
CategoryIntegrated Circuits (ICs)PackagePMIC - Voltage Regulators - DC DC Switching RegulatorsPackageTO-263-8, D2Pak (7 Leads + Tab), TO-263CASeriesSIMPLE SWITCHER?FunctionStep-Up, Step-Up/Step-DownOutput ConfigurationPositiveTopologyBoost, Flyback, Forward ConverterOutput TypeFixedNumber of Outputs1Voltage - Input (Min)4VVoltage - Input (Min/Fixed)3.3VVoltage - Output (Min/Fixed)5.4 (Switch)Current - Output5.4 (Switch)Frequency - Switching100kHz ~ 200kHzSynchronous RectifierNoOutput Type4.0°C ~ 125°C (TJ)Mounting TypeOr263-8, D2Pak (7 Leads + Tab), TO-263CASupplier Device PackageDDPAK/TO-263-7	Manufacturer Part Number	LM2588SX-3.3/NOPB
PMIC - Voltage Regulators - DC DC Switching RegulatorsPackageTO-263-8, D2Pak (7 Leads + Tab), TO-263CASeriesSIMPLE SWITCHER?FunctionStep-Up, Step-Up/Step-DownOutput ConfigurationPositiveTopologyBoost, Flyback, Forward ConverterOutput TypeFixedNumber of Outputs1Voltage - Input (Min)4VVoltage - Input (Max)3.3VVoltage - Output (Min/Fixed)3.3VVoltage - Output (Max)-Current - Output5A (Switch)Frequency - Switching100kHz ~ 200kHzSynchronous RectifierNoOutput TypeSurface MountPackage / CaseTO-263-8, D2Pak (7 Leads + Tab), TO-263CASupplier Device PackageDDPAK/TO-263-7	Manufacturer	Texas Instruments
PackageTO-263-8, D2Pak (7 Leads + Tab), TO-263CASeriesSIMPLE SWITCHER?FunctionStep-Up, Step-Up/Step-DownOutput ConfigurationPositiveTopologyBoost, Flyback, Forward ConverterOutput TypeFixedNumber of Outputs1Voltage - Input (Min)4VVoltage - Output (Min/Fixed)3.3VVoltage - Output (Min/Fixed)5.4 (Switch)Frequency - Switching100kHz ~ 200kHzSynchronous RectifierNoOperating Temperature40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / CaseDDPAK/TO-263-7	Category	Integrated Circuits (ICs)
SeriesSIMPLE SWITCHER?FunctionStep-Up, Step-DownOutput ConfigurationPositiveTopologyBoost, Flyback, Forward ConverterOutput TypeFixedNumber of Outputs1Voltage - Input (Min)4VVoltage - Output (Min/Fixed)3.3VVoltage - Output (Min/Fixed)-Voltage - Output (Min/Fixed)5A (Switch)Frequency - Switching100kHz ~ 200kHzSynchronous RectifierAv0° ~ 125°C (TJ)Mounting TypeSurface MountPackage / CaseTO-263-R, D2Pak (7 Leads + Tab), TO-263CASupplier Device PackageDDPAK/TO-263-7		PMIC - Voltage Regulators - DC DC Switching Regulators
FunctionStep-Up/Step-DownOutput ConfigurationPositiveTopologyBoost, Flyback, Forward ConverterOutput TypeFixedNumber of Outputs1Voltage - Input (Min)4VVoltage - Input (Max)40VVoltage - Output (Min/Fixed)3.3VVoltage - Output (Max)-Current - Output5A (Switch)Frequency - Switching100kHz ~ 200kHzSynchronous RectifierA0°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / CaseDDAK/TO-263-7	Package	TO-263-8, D2Pak (7 Leads + Tab), TO-263CA
NumberHere proprogrammeOutput ConfigurationPositiveTopologyBoost, Flyback, Forward ConverterOutput TypeFixedNumber of Outputs1Voltage - Input (Min)4VVoltage - Input (Max)40VVoltage - Output (Min/Fixed)3.3VVoltage - Output (Max)-Current - Output5A (Switch)Frequency - Switching100kHz ~ 200kHzSynchronous RectifierNoOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / CaseTO-263-8, D2Pak (7 Leads + Tab), TO-263CASupplier Device PackageDDPAK/TO-263-7	Series	SIMPLE SWITCHER?
TopologyBoost, Flyback, Forward ConverterOutput TypeFixedNumber of Outputs1Voltage - Input (Min)4VVoltage - Input (Max)40VVoltage - Output (Min/Fixed)3.3VVoltage - Output (Max)-Current - Output5A (Switch)Frequency - Switching100kHz ~ 200kHzSynchronous RectifierNoOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / CaseTO-263-8, D2Pak (7 Leads + Tab), TO-263CASupplier Device PackageDDPAK/TO-263-7	Function	Step-Up, Step-Up/Step-Down
Output TypeFixedNumber of Outputs1Voltage - Input (Min)4VVoltage - Input (Max)40VVoltage - Output (Min/Fixed)3.3VVoltage - Output (Max)-Current - Output5A (Switch)Frequency - Switching100kHz ~ 200kHzSynchronous Rectifier-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / CaseTO-263-8, D2Pak (7 Leads + Tab), TO-263CASupplier Device PackageDDPAK/TO-263-7	Output Configuration	Positive
Number of Outputs1Voltage - Input (Min)4VVoltage - Input (Max)40VVoltage - Output (Min/Fixed)3.3VVoltage - Output (Max)-Current - Output5A (Switch)Frequency - Switching100kHz ~ 200kHzSynchronous RectifierNoOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / CaseTO-263-8, D2Pak (7 Leads + Tab), TO-263CASupplier Device PackageDDPAK/TO-263-7	Topology	Boost, Flyback, Forward Converter
Voltage - Input (Min)4VVoltage - Input (Max)40VVoltage - Output (Min/Fixed)3.3VVoltage - Output (Max)-Current - Output5A (Switch)Frequency - Switching100kHz ~ 200kHzSynchronous RectifierNoOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / CaseTO-263-8, D2Pak (7 Leads + Tab), TO-263CASupplier Device PackageDDPAK/TO-263-7	Output Type	Fixed
Voltage - Input (Max)40VVoltage - Output (Min/Fixed)3.3VVoltage - Output (Max)-Current - Output5A (Switch)Frequency - Switching100kHz ~ 200kHzSynchronous RectifierNoOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / CaseTO-263-8, D2Pak (7 Leads + Tab), TO-263CASupplier Device PackageDDPAK/TO-263-7	Number of Outputs	1
Voltage - Output (Min/Fixed)3.3VVoltage - Output (Max)-Current - Output5A (Switch)Frequency - Switching100kHz ~ 200kHzSynchronous RectifierNoOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / CaseTO-263-8, D2Pak (7 Leads + Tab), TO-263CASupplier Device PackageDDPAK/TO-263-7	Voltage - Input (Min)	4V
Voltage - Output (Max)-Current - Output5A (Switch)Frequency - Switching100kHz ~ 200kHzSynchronous RectifierNoOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / CaseTO-263-8, D2Pak (7 Leads + Tab), TO-263CASupplier Device PackageDDPAK/TO-263-7	Voltage - Input (Max)	40V
Current - Output5A (Switch)Frequency - Switching100kHz ~ 200kHzSynchronous RectifierNoOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / CaseTO-263-8, D2Pak (7 Leads + Tab), TO-263CASupplier Device PackageDDPAK/TO-263-7	Voltage - Output (Min/Fixed)	3.3V
Frequency - Switching100kHz ~ 200kHzSynchronous RectifierNoOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / CaseTO-263-8, D2Pak (7 Leads + Tab), TO-263CASupplier Device PackageDDPAK/TO-263-7	Voltage - Output (Max)	-
Synchronous RectifierNoOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / CaseTO-263-8, D2Pak (7 Leads + Tab), TO-263CASupplier Device PackageDDPAK/TO-263-7	Current - Output	5A (Switch)
Operating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / CaseTO-263-8, D2Pak (7 Leads + Tab), TO-263CASupplier Device PackageDDPAK/TO-263-7	Frequency - Switching	100kHz ~ 200kHz
Mounting TypeSurface MountPackage / CaseTO-263-8, D2Pak (7 Leads + Tab), TO-263CASupplier Device PackageDDPAK/TO-263-7	Synchronous Rectifier	No
Package / CaseTO-263-8, D2Pak (7 Leads + Tab), TO-263CASupplier Device PackageDDPAK/TO-263-7	Operating Temperature	-40°C ~ 125°C (TJ)
Supplier Device Package DDPAK/TO-263-7	Mounting Type	Surface Mount
	Package / Case	TO-263-8, D2Pak (7 Leads + Tab), TO-263CA
Report error	Supplier Device Package	DDPAK/TO-263-7
1		Report errors?

LM2588SX-3.3/NOPB 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 Guarantees

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

LM2588SX-3.3/NOPB Payment Methods



LM2588SX-3.3/NOPB Shipping Methods



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