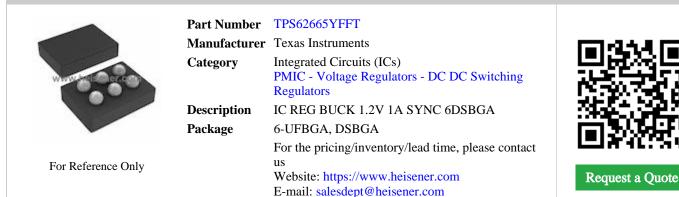


TPS62665YFFT

TPS62665YFFT 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.



TPS62665YFFT Specifications

ManufacturerTexas InstrumentsCategoryIntegrated Circuits (ICs)PackagePMIC - Voltage Regulators - DC DC Switching RegulatorsPackage6-UFBGA, DSBGASeries-FunctionStep-DownOutput ConfigurationStep-DownPoologyBuckOutput TypeFixedNumber of Outputs1Voltage - Input (Min)2.3VVoltage - Output (Min/Fixed)1.2VVoltage - Output (Min/Fixed)1.2VVoltage - Output (Max)-Current - OutputIAFrequency - SwitchingMHZSynchronous RectifierYesOperating Temperature40°C ~ 85°C (TA)Package / Case6-UFBGA, DSBGA		
AntimitedInterfactionCategoryIntegrated Circuits (ICs)Package6-UFBGA, DSBGASeries-FunctionStep-DownOutput ConfigurationStep-DownOutput ConfigurationPositiveTopologyBuckOutput TypeFixedVoltage - Input (Min)2.3VVoltage - Output (Min/Fixed)1.2VVoltage - Output (Min/Fixed)1.2VVoltage - Output (Max)-Current - OutputAFrequency - Switching6MHzSynchronous RectifierYesOperating Temperature40°C ~ 85°C (TA)Package / Case6-USBGASupplier Device Package6-DSBGA	Manufacturer Part Number	TPS62665YFFT
PMIC - Voltage Regulators - DC DC Switching RegulatorsPackage6-UFBGA, DSBGASeries-FunctionStep-DownOutput ConfigurationPositiveBuckOutput TypeFixedNumber of Outputs1Voltage - Input (Min)2.3VSoltage - Output (Min/Fixed)1.2VVoltage - Output (Min/Fixed)1.2VVoltage - Output (Min/Fixed)1.2VSynchronous Rectifier6MHzSynchronous RectifierYesOperating Temperature4.0°C ~ 85°C (TA)Mounting Type6-UFBGA, DSBGASupplier Device Package6-DSBGA	Manufacturer	Texas Instruments
Package6-UFBGA, DSBGASeries-FunctionStep-DownOutput ConfigurationPositiveTopologyBuckOutput TypeFixedNumber of Outputs1Voltage - Input (Min)2.3VVoltage - Input (Min/Fixed)1.2VVoltage - Output (Min/Fixed)1.2VVoltage - Output (Min/Fixed)1.2VVoltage - Output (Max)-Current - OutputIAFrequency - Switching6MHzSynchronous RectifierYesOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case6-UFBGA, DSBGA	Category	Integrated Circuits (ICs)
Series-FunctionStep-DownOutput ConfigurationPositiveTopologyBuckOutput TypeFixedNumber of Outputs1Voltage - Input (Min)2.3VVoltage - Input (Min/Fixed)5.5VVoltage - Output (Min/Fixed)1.2VVoltage - Output (Max)-Current - Output1AFrequency - Switching6MHzSynchronous RectifierYesOperating Temperature40°C ~ 85°C (TA)Package / Case6-UFBGA, DSBGASupplier Device Package6-DSBGA		PMIC - Voltage Regulators - DC DC Switching Regulators
FunctionStep-DownOutput ConfigurationPositiveTopologyBuckOutput TypeFixedOutput Type1Number of Outputs1Voltage - Input (Min)2.3VVoltage - Output (Min/Fixed)5.5VVoltage - Output (Min/Fixed)1.2VVoltage - Output (Max)-Current - Output1AFrequency - Switching6MHzSynchronous Rectifier40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case6-UFBGA, DSBGA	Package	6-UFBGA, DSBGA
Output ConfigurationPositiveTopologyBuckOutput TypeFixedNumber of Outputs1Voltage - Input (Min)2.3VVoltage - Input (Max)5.5VVoltage - Output (Min/Fixed)1.2VVoltage - Output (Max)-Current - Output1AFrequency - Switching6MHzSynchronous RectifierYesOperating Temperature40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case6-UFBGA, DSBGA	Series	-
TopologyBuckOutput TypeFixedNumber of Outputs1Voltage - Input (Min)2.3VVoltage - Input (Max)5.5VVoltage - Output (Min/Fixed)1.2VVoltage - Output (Max)-Current - Output1AFrequency - Switching6MHzSynchronous RectifierYesOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case6-UFBGA, DSBGASupplier Device Package6-DSBGA	Function	Step-Down
Output TypeFixedOutput TypeFixedNumber of Outputs1Voltage - Input (Min)2.3VVoltage - Input (Max)5.5VVoltage - Output (Min/Fixed)1.2VVoltage - Output (Max)-Current - Output1AFrequency - Switching6MHzSynchronous Rectifier-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case6-UFBGA, DSBGASupplier Device Package6-DSBGA	Output Configuration	Positive
Number of Outputs1Number of Outputs1Voltage - Input (Min)2.3VVoltage - Input (Max)5.5VVoltage - Output (Min/Fixed)1.2VVoltage - Output (Max)-Current - Output1AFrequency - Switching6MHzSynchronous RectifierYesOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case6-UFBGA, DSBGASupplier Device Package6-DSBGA	Topology	Buck
Voltage - Input (Min)2.3VVoltage - Input (Max)5.5VVoltage - Output (Min/Fixed)1.2VVoltage - Output (Max)-Current - Output1AFrequency - Switching6MHzSynchronous RectifierYesOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case6-UFBGA, DSBGA	Output Type	Fixed
Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)1.2VVoltage - Output (Max)-Current - Output1AFrequency - Switching6MHzSynchronous RectifierYesOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case6-UFBGA, DSBGASupplier Device Package6-DSBGA	Number of Outputs	1
Voltage - Output (Min/Fixed)1.2VVoltage - Output (Max)-Current - Output1AFrequency - Switching6MHzSynchronous RectifierYesOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case6-UFBGA, DSBGASupplier Device Package6-DSBGA	Voltage - Input (Min)	2.3V
Voltage - Output (Max)-Current - Output1AFrequency - Switching6MHzSynchronous RectifierYesOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case6-UFBGA, DSBGASupplier Device Package6-DSBGA	Voltage - Input (Max)	5.5V
Current - Output1AFrequency - Switching6MHzSynchronous RectifierYesOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case6-UFBGA, DSBGASupplier Device Package6-DSBGA	Voltage - Output (Min/Fixed)	1.2V
Frequency - Switching6MHzSynchronous RectifierYesOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case6-UFBGA, DSBGASupplier Device Package6-DSBGA	Voltage - Output (Max)	-
Synchronous RectifierYesOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case6-UFBGA, DSBGASupplier Device Package6-DSBGA	Current - Output	1A
Operating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case6-UFBGA, DSBGASupplier Device Package6-DSBGA	Frequency - Switching	6MHz
Mounting TypeSurface MountPackage / Case6-UFBGA, DSBGASupplier Device Package6-DSBGA	Synchronous Rectifier	Yes
Package / Case6-UFBGA, DSBGASupplier Device Package6-DSBGA	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package 6-DSBGA	Mounting Type	Surface Mount
	Package / Case	6-UFBGA, DSBGA
Report errors?	Supplier Device Package	6-DSBGA
		Report errors?

TPS62665YFFT 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 UARANTEE

Service Guarantees

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

TPS62665YFFT Payment Methods





If you have any question about TPS62665YFFT, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com