



### **TWL1200YFFR Information**



For Reference Only

Part Number TWL1200YFFR

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)

Logic - Translators, Level Shifters

**Description** IC VOLT TRANSCVR 19BIT 49DSBGA

Package 49-UFBGA, DSBGA

For the pricing/inventory/lead time, please contact

us

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## **TWL1200YFFR Specifications**

Manufacturer Part Number       TWL1200YFFR         Manufacturer       Texas Instruments         Category       Integrated Circuits (ICs)         Logic - Translators, Level Shifters         Package       49-UFBGA, DSBGA         Series       -         Translator Type       Voltage Level         Channel Type       Bidirectional         Number of Circuits       1         Channels per Circuit       4         Voltage - VCCA       1.1V ~ 3.6V         Voltage - VCCB       1.1V ~ 3.6V         Input Signal       -         Output Signal       -         Output Type       Open Drain         Data Rate       60Mbps         Operating Temperature       -40°C ~ 85°C (TA)         Features       Audio, SIM Card Interface, UART         Mounting Type       Surface Mount         Package / Case       49-UFBGA, DSBGA         Supplier Device Package       49-DSBGA (2.8x2.8)	•	
Category         Integrated Circuits (ICs)           Logic - Translators, Level Shifters           Package         49-UFBGA, DSBGA           Series         -           Translator Type         Voltage Level           Channel Type         Bidirectional           Number of Circuits         1           Channels per Circuit         4           Voltage - VCCA         1.1V ~ 3.6V           Input Signal         -           Output Signal         -           Output Type         Open Drain           Data Rate         60Mbps           Operating Temperature         -40°C ~ 85°C (TA)           Features         Audio, SIM Card Interface, UART           Mounting Type         Surface Mount           Package / Case         49-UFBGA, DSBGA           Supplier Device Package         49-DSBGA (2.8x2.8)	Manufacturer Part Number	TWL1200YFFR
Logic - Translators, Level Shifters	Manufacturer	Texas Instruments
Package 49-UFBGA, DSBGA  Series -  Translator Type Voltage Level  Channel Type Bidirectional  Number of Circuits 1  Channels per Circuit 4  Voltage - VCCA 1.1V ~ 3.6V  Voltage - VCCB 1.1V ~ 3.6V  Input Signal -  Output Signal -  Output Type Open Drain  Data Rate 60Mbps  Operating Temperature -40°C ~ 85°C (TA)  Features Audio, SIM Card Interface, UART  Mounting Type Surface Mount  Package / Case 49-USBGA (2.8x2.8)	Category	Integrated Circuits (ICs)
Series         -           Translator Type         Voltage Level           Channel Type         Bidirectional           Number of Circuits         1           Channels per Circuit         4           Voltage - VCCA         1.1V ~ 3.6V           Voltage - VCCB         1.1V ~ 3.6V           Input Signal         -           Output Signal         -           Output Type         Open Drain           Data Rate         60Mbps           Operating Temperature         -40°C ~ 85°C (TA)           Features         Audio, SIM Card Interface, UART           Mounting Type         Surface Mount           Package / Case         49-UFBGA, DSBGA           Supplier Device Package         49-DSBGA (2.8x2.8)		Logic - Translators, Level Shifters
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Channel Type  Number of Circuits  1 Channels per Circuit  4 Voltage - VCCA  1.1V ~ 3.6V  Voltage - VCCB  1.1V ~ 3.6V  Input Signal  - Output Signal  - Output Type  Open Drain  Data Rate  60Mbps  Operating Temperature  -40°C ~ 85°C (TA)  Features  Audio, SIM Card Interface, UART  Mounting Type  Surface Mount  Package / Case  49-UFBGA, DSBGA  Supplier Device Package	Series	-
Number of Circuits  Channels per Circuit  4  Voltage - VCCA  1.1V ~ 3.6V  Voltage - VCCB  1.1V ~ 3.6V  Input Signal  Output Signal  Output Type  Open Drain  Data Rate  Operating Temperature  -40°C ~ 85°C (TA)  Features  Audio, SIM Card Interface, UART  Mounting Type  Surface Mount  Package / Case  Supplier Device Package  49-DSBGA (2.8x2.8)	Translator Type	Voltage Level
Channels per Circuit  Voltage - VCCA  1.1V ~ 3.6V  Voltage - VCCB  1.1V ~ 3.6V  Input Signal  Output Signal  - Output Type  Open Drain  Data Rate  60Mbps  Operating Temperature  -40°C ~ 85°C (TA)  Features  Audio, SIM Card Interface, UART  Mounting Type  Surface Mount  Package / Case  49-UFBGA, DSBGA  Supplier Device Package	Channel Type	Bidirectional
Voltage - VCCA  Voltage - VCCB  1.1V ~ 3.6V  Input Signal  Output Signal  Output Type  Open Drain  Data Rate  60Mbps  Operating Temperature  -40°C ~ 85°C (TA)  Features  Audio, SIM Card Interface, UART  Mounting Type  Surface Mount  Package / Case  49-UFBGA, DSBGA  Supplier Device Package  49-DSBGA (2.8x2.8)	Number of Circuits	1
Voltage - VCCB  Input Signal  Output Signal  Output Type  Open Drain  Data Rate  Operating Temperature  -40°C ~ 85°C (TA)  Features  Audio, SIM Card Interface, UART  Mounting Type  Surface Mount  Package / Case  49-UFBGA, DSBGA  Supplier Device Package	Channels per Circuit	4
Input Signal - Output Signal - Output Type Open Drain  Data Rate 60Mbps Operating Temperature -40°C ~ 85°C (TA)  Features Audio, SIM Card Interface, UART  Mounting Type Surface Mount  Package / Case 49-UFBGA, DSBGA  Supplier Device Package 49-DSBGA (2.8x2.8)	Voltage - VCCA	1.1V ~ 3.6V
Output Signal - Output Type Open Drain  Data Rate 60Mbps  Operating Temperature -40°C ~ 85°C (TA)  Features Audio, SIM Card Interface, UART  Mounting Type Surface Mount  Package / Case 49-UFBGA, DSBGA  Supplier Device Package 49-DSBGA (2.8x2.8)	Voltage - VCCB	1.1V ~ 3.6V
Output TypeOpen DrainData Rate60MbpsOperating Temperature-40°C ~ 85°C (TA)FeaturesAudio, SIM Card Interface, UARTMounting TypeSurface MountPackage / Case49-UFBGA, DSBGASupplier Device Package49-DSBGA (2.8x2.8)	Input Signal	-
Data Rate 60Mbps  Operating Temperature -40°C ~ 85°C (TA)  Features Audio, SIM Card Interface, UART  Mounting Type Surface Mount  Package / Case 49-UFBGA, DSBGA  Supplier Device Package 49-DSBGA (2.8x2.8)	Output Signal	-
Operating Temperature  -40°C ~ 85°C (TA)  Features  Audio, SIM Card Interface, UART  Mounting Type  Surface Mount  Package / Case  49-UFBGA, DSBGA  Supplier Device Package  49-DSBGA (2.8x2.8)	Output Type	Open Drain
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Mounting Type Surface Mount Package / Case 49-UFBGA, DSBGA Supplier Device Package 49-DSBGA (2.8x2.8)	Operating Temperature	-40°C ~ 85°C (TA)
Package / Case 49-UFBGA, DSBGA Supplier Device Package 49-DSBGA (2.8x2.8)	Features	Audio, SIM Card Interface, UART
Supplier Device Package 49-DSBGA (2.8x2.8)	Mounting Type	Surface Mount
	Package / Case	49-UFBGA, DSBGA
D	Supplier Device Package	49-DSBGA (2.8x2.8)
Report errors?		Report errors?

#### **TWL1200YFFR 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.

### **TWL1200YFFR Payment Methods**



















## **TWL1200YFFR Shipping Methods**













If you have any question about TWL1200YFFR, please do not hesitate to contact us!

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