



# XC6SLX25-2FT256I

Manufacturer Part Number	<b>XC6SLX25-2FT256I</b>
Manufacturer	<b>AMD Xilinx</b>
Allelco Part Number	32D-XC6SLX25-2FT256I
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 186 I/O 256FTBGA
Package	256-LBGA
Data sheet	XC6SLX25-2FT256I.pdf



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XC6SLX25-2FT256I - AMD.New Original in Stock. Download Linear Technology XC6SLX25-2FT256I datasheet/specifications on AllelcoElec.com.  
Request a quote for XC6SLX25-2FT256I, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

XC6SLX25-2FT256I Tech Specifications

XC6SLX25-2FT256I - AMD technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	AMD Xilinx	Operating Temperature	-40°C ~ 100°C (TJ)
Voltage - Supply	1.14V ~ 1.26V	Number of Logic Elements/Cells	24051
Total RAM Bits	958464	Number of LABs/CLBs	1879
Supplier Device Package	256-FTBGA (17x17)	Number of I/O	186
Series	Spartan®-6 LX	Mounting Type	Surface Mount
Package / Case	256-LBGA	Base Product Number	XC6SLX25
Package	Tray		

## Parts with Similar Specifications

The three parts on the right have similar specifications to AMD XC6SLX25-2FT256I

Product Attribute				
Part Number	XC6SLX25-2FT256I	XC6SLX16-N3CSG225C	XC6SLX25-3FTG256C	XC6SLX25-3FTG256C
Manufacturer	AMD	AMD	AMD	AMD
Base Product Number	XC6SLX25	XC6SLX16	XC6SLX25	XC6SLX25
Total RAM Bits	958464	589824	958464	958464
Number of I/O	186	160	186	266
Operating Temperature	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package	Tray	Tray	Tray	Tray
Series	Spartan®-6 LX	Spartan®-6 LX	Spartan®-6 LX	Spartan®-6 LX
Number of Logic Elements/Cells	24051	14579	24051	24051
Voltage - Supply	1.14V ~ 1.26V	1.14V ~ 1.26V	1.14V ~ 1.26V	1.14V ~ 1.26V
Number of LABs/CLBs	1879	1139	1879	1879
Package / Case	256-LBGA	225-LFBGA, CSPBGA	256-LBGA	484-BBGA
Supplier Device Package	256-FTBGA (17x17)	225-CSPBGA (13x13)	256-FTBGA (17x17)	484-FBGA (23x23)

## XC6SLX25-2FT256I Datasheet PDF

Download XC6SLX25-2FT256I pdf datasheets and AMD documentation for XC6SLX25-2FT256I - AMD.

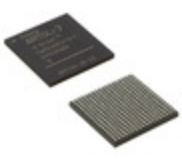
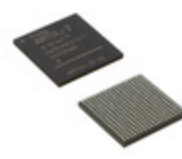
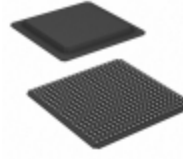
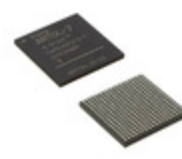
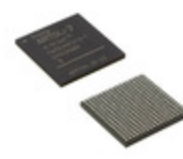
### Environmental Information



## Customers Also Interested in

### Recommended Products

<b>XC6SLX16-N3CSG225C</b>	<b>XC6SLX25-3FTG256C</b>	<b>XC6SLX25-3FTG256C</b>	<b>XC6SLX25-3FTG256I</b>	<b>XC6SLX25-2FTG256C</b>	<b>XC6SLX25-2FTG256C</b>
AMD IC FPGA 160 I/O 225CSBGA	AMD IC FPGA 186 I/O 256FTBGA	AMD IC FPGA 266 I/O 484FBGA	AMD IC FPGA 186 I/O 256FTBGA	AMD IC FPGA 266 I/O 484FBGA	AMD IC FPGA 186 I/O 256FTBGA
<b>XC6SLX25-3CSG324C</b>	<b>XC6SLX25-3FTG256C</b>	<b>XC6SLX25-3FTG256C</b>	<b>XC6SLX25-2CSG324C</b>	<b>XC6SLX16-N3CSG324I</b>	<b>XC6SLX240T-2FFG1156I</b>
AMD IC FPGA 226 I/O 324CSBGA	AMD IC FPGA 266 I/O 484FBGA	AMD IC FPGA 266 I/O 484FBGA	AMD IC FPGA 226 I/O 324CSBGA	AMD IC FPGA 232 I/O 324CSBGA	AMD Xilinx

**XC6SLX25-2CSG324I**AMD  
IC FPGA 226 I/O 324CSBGA**XC6SLX16-N3CSG324C**AMD  
IC FPGA 232 I/O 324CSBGA**XC6SLX25-2FGG484I**AMD  
IC FPGA 266 I/O 484FBGA**XC6SLX25-N3CSG324C**AMD  
IC FPGA 226 I/O 324CSBGA**XC6SLX25-3CSG324I**AMD  
IC FPGA 226 I/O 324CSBGA**XC6SLX25-2FTG256I**AMD  
IC FPGA 186 I/O 256FTBGA

## Shipment

### Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

### Delivery Cost

- > Use your express account for shipment if you have one.
  - > Use our account for the shipment. Refer to the table below for the approximate charges.
- (Different time frame / countries / package size has different price.)

### Delivery Method

- > Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.
- > Others more shipping ways, please get in touch with your customer manager.

**Common Countries Logistic Time Reference**

Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

**DHL & FedEx Shipment Charges Reference**

Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00

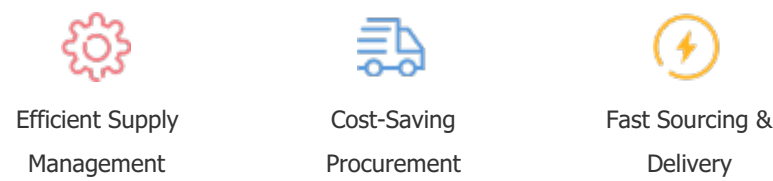
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

### Payment Support

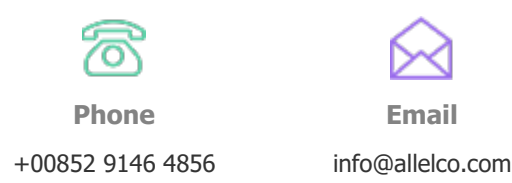
The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



### Your Faithful Supply Chain Partner -



Contact us if you have any questions.



### Certifications & Memberships



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