



Image may be representation.
See specifications for product details.



2STR2230

Manufacturer Part Number	2STR2230
Manufacturer	STMicroelectronics
Allelco Part Number	32D-2STR2230
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	TRANS PNP 30V 1.5A SOT23-3
Package	TO-236-3, SC-59, SOT-23-3
Data sheet	2STR2230.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

2STR2230 - STMicroelectronics. New Original in Stock. Download Linear Technology 2STR2230 datasheet/specifications on AllelcoElec.com.
Request a quote for 2STR2230, please send us email: info@allelco.com

Specifications

2STR2230 Tech Specifications

2STR2230 - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Package	Tape & Reel (TR)
Voltage - Collector Emitter Breakdown (Max)	30 V	Operating Temperature	-65°C ~ 150°C (TJ)
Vce Saturation (Max) @ Ib, Ic	800mV @ 200mA, 2A	Mounting Type	Surface Mount
Transistor Type	PNP	Frequency - Transition	100MHz
Supplier Device Package	SOT-23-3	DC Current Gain (hFE) (Min) @ Ic, Vce	170 @ 500mA, 2V
Series	-	Current - Collector Cutoff (Max)	100nA (ICBO)
Power - Max	500 mW	Current - Collector (Ic) (Max)	1.5 A
Package / Case	TO-236-3, SC-59, SOT-23-3	Base Product Number	2STR2230

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics 2STR2230

Product Attribute				
Part Number	2STR2230	2STN2360	2STR2160	2STN1360
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Package / Case	TO-236-3, SC-59, SOT-23-3	TO-261-4, TO-261AA	TO-236-3, SC-59, SOT-23-3	TO-261-4, TO-261AA
Power - Max	500 mW	1.6 W	500 mW	1.6 W
Transistor Type	PNP	PNP	PNP	NPN
Series	-	-	-	-
DC Current Gain (hFE) (Min) @ Ic, Vce	170 @ 500mA, 2V	160 @ 1A, 2V	180 @ 500mA, 2V	160 @ 1A, 2V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Base Product Number	2STR2230	2STN	2STR2160	2STN1360
Frequency - Transition	100MHz	130MHz	-	130MHz
Voltage - Collector Emitter Breakdown (Max)	30 V	60 V	60 V	60 V
Current - Collector (Ic) (Max)	1.5 A	3 A	1 A	3 A
Supplier Device Package	SOT-23-3	SOT-223	SOT-23-3	SOT-223
Vce Saturation (Max) @ Ib, Ic	800mV @ 200mA, 2A	500mV @ 150mA, 3A	480mV @ 100mA, 1A	500mV @ 150mA, 3A
Current - Collector Cutoff (Max)	100nA (ICBO)	100nA (ICBO)	100nA (ICBO)	100nA (ICBO)
Operating Temperature	-65°C ~ 150°C (TJ)	150°C (TJ)	150°C (TJ)	150°C (TJ)
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)

2STR2230 Datasheet PDF

Download 2STR2230 pdf datasheets and STMicroelectronics documentation for 2STR2230 - STMicroelectronics.

Datasheets

[2STR2230.pdf](#)

PCN Assembly/Origin

[Cover Tape Supplier 16/Sep/2021.pdf](#)

Customers Also Interested in

Recommended Products



2STN2360

STMicroelectronics
TRANS PNP 60V 3A SOT223



2STR2160

STMicroelectronics
TRANS PNP 60V 1A SOT23-3



2STN1360

STMicroelectronics
TRANS NPN 60V 3A SOT223



2STN1550

STMicroelectronics
TRANS NPN 50V 5A SOT223



2STR2215

STMicroelectronics
TRANS PNP 15V 1.5A SOT23-3



2STN1550TR-E

STMicroelectronics



2STF2550-TR
STMicroelectronics



2STN2550
STMicroelectronics
TRANS PNP 50V 5A SOT223



2STR1230
STMicroelectronics
TRANS NPN 30V 1.5A SOT23-3



2STF2550
STMicroelectronics
TRANS PNP 50V 5A SOT89-3



2STW1695
STMicroelectronics
TRANS PNP 140V 10A TO247-3



2STN1550 MOS
STMicroelectronics



2STR1160
STMicroelectronics
TRANS NPN 60V 1A SOT23-3



2STN2540-A
STMicroelectronics
TRANS PNP 40V 5A SOT223



2STN1360-TR
STMicroelectronics



2STX1360
STMicroelectronics
TRANS NPN 60V 3A TO92-3

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.



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- Efficient Supply Management
- Cost-Saving Procurement
- Fast Sourcing & Delivery

Contact us if you have any questions.

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