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# PAN172x

**Part No: ENW89820AZ2F**



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## Specifications

Item	Performance characteristics
Variant Name	PAN1720-BR-ETU
Production Status	Mass Production
Part	RF USB Starter Kit Transceiver
Category	Bluetooth Smart / Bluetooth v4.0
Software/Profile	nBlue by BlueRadio
Used IC	CC2540
Rx Sensitivity (dBm)	-94 @ BER 10-3
Tx Power max (dBm)	+10
Antenna Option	Ceramic Antenna
Size (mm) (l x w x h)	USB stick
Power Supply (V)	2.0 to 3.6
Current Consumption Tx (mA)	23 @ -6 dBm
Current Consumption Rx (mA)	18
Current Consumption sleep (uA)	<1
Interfaces	GPIO, UART, USB
Data Rate gross (Mbit/s)	1
Memory	256 kb
Speciality	2 internal crystal

Item	Performance characteristics
Footprint-compatible to	PAN13x0/PAN1322/PAN172x Series
Qualification	CE / FCC / IC
Bluetooth SIG Listing	No
Operating Temperature (°C)	-40 to +85
Standard Pack QTY	1
PKG Type	ESD Bag
RoHs II compliant	Yes
REACH compliant (SVHCs <0,1%)	Yes
Current Consumption sleep (µA)	n/a

## Parts Inventory


No inventory found

The service is owned, operated, controlled and managed by Panasonic's distributors. For pricing, delivery and technical questions related to this service, please direct to them. Panasonic assumes no responsibility for any dealings you may have with distributors.


## Evaluation Kits

[PAN172x Series USB Starter Kit](#)

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