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Part No.

PAN172x

Part No: ENW89820AY2F



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Specifications

Item	Performance characteristics
Variant Name	PAN1720-BR-KIT
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	2
PKG Type	Box
RoHs II compliant	Yes
REACH compliant (SVHCs <0,1%)	Yes
Current Consumption sleep (µA)	n/a

Parts Inventory


Distributor	Quantity	Inventory Date
> Farnell element14 , United Kingdom Tel:44-8701200208	5	18/12/2018
> RS Components , United Kingdom Tel:44-8458509900	3	18/12/2018
> Anglia Components Ltd. , United Kingdom Tel:44-1945473624	1	18/12/2018

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