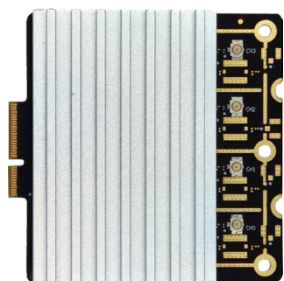


MX6924 F5

802.11ax 嵌入式无线网卡



产品概述

MX6924 F5 是一款采用 M.2 E-key 接口，支持 PCI Express 3.0 协议的嵌入式无线网卡。采用 Qualcomm® 802.11ax Wi-Fi 技术，支持 5180-5850GHz 频段，具备 AP 及 STA 功能，同时具备 4x4 MIMO 和 4 个空间流，适用于 5GHz IEEE802.11a/n/ac/ax 应用，相比上一代无线网卡的传输效率更高，并具备动态频率选择 (DFS) 功能。

产品规格

产品类型	无线网卡
芯片	QCN9024
IEEE 标准	IEEE 802.11ax
接口	PCI Express 3.0 , M.2 E-key
工作电压	3.3V
频率范围	5180~5320GHz 5745~5825GHz
调制技术	802.11n : OFDM (BPSK , QPSK , 16-QAM , 64-QAM , 256-QAM) 802.11ac : OFDM (BPSK , QPSK , 16-QAM , 64-QAM , 256-QAM) 802.11ax : OFDMA (BPSK , QPSK , DBPSK , DQPSK , 16-QAM , 64-QAM , 256-QAM , 1024-QAM , 4096-QAM)
输出功率 (单通道)	802.11ax : Max. 24dBm
功耗	≤15W
接收灵敏度	11ax : HE20 MCS0 <-95dBm / MCS11 <-62dBm HE40 MCS0 <-89dBm / MCS11 <-60dBm HE80 MCS0 <-86dBm / MCS11 <-56dBm HE160 MCS0 <-87dBm / MCS9 <-64dBm
天线接口	4 x U. FL
工作环境	温度 : -20°C to 70°C 湿度 : 95% (无冷凝)
存储环境	温度 : -40°C to 90°C 湿度 : 90% (无冷凝)
认证	RoHS/REACH
重量	18 克
芯片尺寸 (W*H*D)	55.9 x 52.8x 8.5 mm (偏差±0.1mm)

射频参数

	速率	发射功率 (单通道)	公差	接收灵敏度	公差
802.11a	6Mbps	24dBm	±2dB	-95dBm	±2dB
	9Mbps	24dBm	±2dB	-93dBm	±2dB
	12Mbps	24dBm	±2dB	-90dBm	±2dB
	18Mbps	24dBm	±2dB	-88dBm	±2dB
	24Mbps	23dBm	±2dB	-85dBm	±2dB
	36Mbps	22dBm	±2dB	-83dBm	±2dB
	48Mbps	21dBm	±2dB	-80dBm	±2dB
	54Mbps	20dBm	±2dB	-78dBm	±2dB
802.11n/ac VHT20	MCS0	23dBm	±2dB	-94dBm	±2dB
	MCS1	23dBm	±2dB	-92dBm	±2dB
	MCS2	23dBm	±2dB	-89dBm	±2dB
	MCS3	23dBm	±2dB	-87dBm	±2dB
	MCS4	23dBm	±2dB	-85dBm	±2dB
	MCS5	22dBm	±2dB	-83dBm	±2dB
	MCS6	21dBm	±2dB	-80dBm	±2dB
	MCS7	20dBm	±2dB	-77dBm	±2dB
	MCS8	18dBm	±2dB	-75dBm	±2dB
	MCS9	17dBm	±2dB	-72dBm	±2dB
802.11n/ac VHT40	MCS0	23dBm	±2dB	-92dBm	±2dB
	MCS1	23dBm	±2dB	-90dBm	±2dB
	MCS2	23dBm	±2dB	-88dBm	±2dB
	MCS3	23dBm	±2dB	-85dBm	±2dB
	MCS4	23dBm	±2dB	-82dBm	±2dB
	MCS5	22dBm	±2dB	-79dBm	±2dB
	MCS6	21dBm	±2dB	-76dBm	±2dB
	MCS7	20dBm	±2dB	-73dBm	±2dB
	MCS8	19dBm	±2dB	-70dBm	±2dB
	MCS9	18dBm	±2dB	-67dBm	±2dB
802.11ac VHT80	MCS0	23dBm	±2dB	-87dBm	±2dB
	MCS1	23dBm	±2dB	-85dBm	±2dB
	MCS2	23dBm	±2dB	-83dBm	±2dB
	MCS3	23dBm	±2dB	-80dBm	±2dB
	MCS4	23dBm	±2dB	-78dBm	±2dB
	MCS5	22dBm	±2dB	-75dBm	±2dB
	MCS6	21dBm	±2dB	-73dBm	±2dB
	MCS7	20dBm	±2dB	-70dBm	±2dB
	MCS8	18dBm	±2dB	-67dBm	±2dB
	MCS9	18dBm	±2dB	-64dBm	±2dB
802.11ac VHT160	MCS0	23dBm	±2dB	-87dBm	±2dB
	MCS1	23dBm	±2dB	-85dBm	±2dB
	MCS2	23dBm	±2dB	-83dBm	±2dB
	MCS3	23dBm	±2dB	-80dBm	±2dB
	MCS4	23dBm	±2dB	-78dBm	±2dB
	MCS5	21dBm	±2dB	-75dBm	±2dB
	MCS6	21dBm	±2dB	-73dBm	±2dB
	MCS7	20dBm	±2dB	-70dBm	±2dB
	MCS8	18dBm	±2dB	-67dBm	±2dB
	MCS9	18dBm	±2dB	-64dBm	±2dB

	速率	发射功率 (单通道)	公差	接收灵敏度	公差
802.11ax HE20	MCS0	23dBm	±2dB	-95dBm	±2dB
	MCS1	23dBm	±2dB	-93dBm	±2dB
	MCS2	23dBm	±2dB	-90dBm	±2dB
	MCS3	23dBm	±2dB	-87dBm	±2dB
	MCS4	23dBm	±2dB	-83dBm	±2dB
	MCS5	22dBm	±2dB	-80dBm	±2dB
	MCS6	21dBm	±2dB	-77dBm	±2dB
	MCS7	20dBm	±2dB	-74dBm	±2dB
	MCS8	18dBm	±2dB	-71dBm	±2dB
	MCS9	18dBm	±2dB	-68dBm	±2dB
	MCS10	16dBm	±2dB	-65dBm	±2dB
	MCS11	16dBm	±2dB	-62dBm	±2dB
	MCS12	15dBm	±2dB	-58dBm	±2dB
MCS13	15dBm	±2dB	-55dBm	±2dB	
802.11ax HE40	MCS0	23dBm	±2dB	-89dBm	±2dB
	MCS1	23dBm	±2dB	-87dBm	±2dB
	MCS2	23dBm	±2dB	-85dBm	±2dB
	MCS3	23dBm	±2dB	-83dBm	±2dB
	MCS4	23dBm	±2dB	-81dBm	±2dB
	MCS5	22dBm	±2dB	-78dBm	±2dB
	MCS6	21dBm	±2dB	-75dBm	±2dB
	MCS7	20dBm	±2dB	-72dBm	±2dB
	MCS8	18dBm	±2dB	-69dBm	±2dB
	MCS9	18dBm	±2dB	-66dBm	±2dB
	MCS10	16dBm	±2dB	-63dBm	±2dB
	MCS11	16dBm	±2dB	-60dBm	±2dB
	MCS12	15dBm	±2dB	-55dBm	±2dB
MCS13	15dBm	±2dB	-52dBm	±2dB	
802.11ax HE80	MCS0	23dBm	±2dB	-86dBm	±2dB
	MCS1	23dBm	±2dB	-84dBm	±2dB
	MCS2	23dBm	±2dB	-81dBm	±2dB
	MCS3	23dBm	±2dB	-79dBm	±2dB
	MCS4	23dBm	±2dB	-76dBm	±2dB
	MCS5	22dBm	±2dB	-74dBm	±2dB
	MCS6	21dBm	±2dB	-71dBm	±2dB
	MCS7	20dBm	±2dB	-68dBm	±2dB
	MCS8	18dBm	±2dB	-65dBm	±2dB
	MCS9	18dBm	±2dB	-62dBm	±2dB
	MCS10	16dBm	±2dB	-59dBm	±2dB
	MCS11	16dBm	±2dB	-56dBm	±2dB
	MCS12	15dBm	±2dB	-52dBm	±2dB
MCS13	15dBm	±2dB	-50dBm	±2dB	
802.11ax HE160	MCS0	23dBm	±2dB	-86dBm	±2dB
	MCS1	23dBm	±2dB	-84dBm	±2dB
	MCS2	23dBm	±2dB	-81dBm	±2dB
	MCS3	23dBm	±2dB	-79dBm	±2dB
	MCS4	23dBm	±2dB	-76dBm	±2dB
	MCS5	22dBm	±2dB	-74dBm	±2dB
	MCS6	21dBm	±2dB	-71dBm	±2dB
	MCS7	20dBm	±2dB	-68dBm	±2dB
	MCS8	18dBm	±2dB	-65dBm	±2dB
	MCS9	18dBm	±2dB	-62dBm	±2dB
	MCS10	16dBm	±2dB	-59dBm	±2dB
	MCS11	16dBm	±2dB	-56dBm	±2dB
	MCS12	15dBm	±2dB	-52dBm	±2dB
MCS13	15dBm	±2dB	-50dBm	±2dB	

模组尺寸

