

## Radio Module Options

Virtual Access offers an extensive range of radio modules. Use the tables below to choose the best option for your application.

RF Band Options							
Order Code	Region	2G Bands	3G Bands	LTE Bands	LTE Category	GPS	Formats
RFA	Europe China	850/900/1800 1900	900/2100	-	-	-	PCIE
RFB*	Europe Asia	850/900/1800 1900	850/900/1900/2100	-	-	✓	PCIE
RFC*	Europe Asia	850/900/1800 1900	850/900/1900/2100	B1/B2/B3/B5/B7/B8/B20	-	✓	PCIE
RFD	Worldwide	-	-	B3/B7/B20/B31	-	✓	PCIE
RFE*	Europe	900/1800	900/2100	B1/B3/B7/B8/B20/B38/B40	3	✓	PCIE
RFF	Worldwide	-	CDMA TX 452.500 ~ 457.475 RX 462.000 ~ 467.475	-	-	-	PCIE
RFG*	Worldwide	850/900/1800 1900	850/900/2100	B1/B3/B5/B7/B20	-	✓	PCIE
RFJ	Worldwide	450	-	-	-	-	PCIE
RFK	EMEA	1900/850/900 /1800	1900/850/900/1800	B1/B2/B3/B7/B20/B5/B28	-	-	M.2
RFL*	Europe APAC	900/1800	900/2100	-	-	-	PCIE
RFM*	North America	-	850/1900	B2/B4/B5/B17	-	✓	PCIE
RFN	Worldwide	-	850/900/1700/1800 1900/2100	B1/B2/B3/B4/B5/B7/B12/B13 B20/B25/B26/B29/B30/B41	-	✓	PCIE
RFP	Australia New Zealand Latin America Taiwan	850/900/1800 1900	850/900/1900/2100	B1/B2/B3/B4/B5/B7/B8 B28/B40	4	-	PCIE
RFQ*	Mexico/USA Canada	-	850/1900	B1/B2/B4/B5/B12/B13	4	✓	PCIE
RFR	EMEA/Korea Thailand Indonesia	900/1800	850/900/2100	B1/B3/B5/B7/B8/B20/B38 B40/B41	4	✓	PCIE
RFX	Australia	-	B1/B5	B1/B3/B5/B7/B28	4	✓	PCIE
R1	EMEA/Korea Thailand	900/1800	850/900/2100	B1/B3/B5/B7/B8/B20	1	-	PCIE
RFS	Europe	900/1800	850/900/2100	B1/B3/B5/B7/B8/B20/B38 B40/B41	4	✓	PCIE
RFT	Asia/Pacific	900/1800	800/850/900/1700/2100	B1/B3/B5/B7/B8/B18/B19/B21/B28/ B38/B39/B40/	6	✓	PCIE
RFU	EMEA/North America/Latin America/APAC/ Japan/Australia	-	800/850/900/ 2100/1900/1800/1700	B1/B2/B3/B5/B7/B8/B18/B19/B21/ B25/B26/B38/B39/B40/B41/B66	6	-	PCIE
RFZ	Band specific	3(900) / 8(1800)	B1/B8	B3/B7/B20/B31	-	-	PCIE
RFV	China	3(900) / 8(1800)	B1/B8	FDD/B1/B3/B7/B8 TDD B38/B40/B34/B39/B41	3	✓	PCIE
RFW	EMEA/Korea/ Thailand/India	3(900) / 8(1800)	B1/B8	FDD/B1/B3/B7/B8/B20/B28A TDD B38/B40/B41	3	✓	PCIE
*	* Not recommended for new projects						
	Refer to router datasheet for operating temperature						

RF Band Options Continued

Order Code	Region	2G Bands	3G Bands	LTE Bands	LTE Category	GPS	Format
QFA	Europe/ Australia/South America	B2/B3/B5/B8/	B1/B2/B5/B8	B1/B2/B3/B4 (AWS)B5/B7/B8/B40 TDD 2300/B28(700 APAC)	4	✓	PCIE
QFB		B1/B2/B5/B8	-	TDD B38/B39/B40//B41	3	-	PCIE
QFC	Europe/North & South America/ Asia/Australia/ Japan/Africa	-	B1/B2/ B5/B6/B9/B19/B8/ B4(AWS)	B1/B2/B3/B4 (AWS)B7/B8/ B9/B12(700ac)B13(700c)/ B18(800lower)B19(800 upper) B20(800DD)/B5/B26 (US 850 Ext)/ B28 (700 APAC)/B29 (US 700de Lower)/B41 (TDD 2500)/B30 (2300 WCS)/B66 (AWS-3)/B32 (1500)/ B46 (TDD 5200)	12	✓	PCIE
QFD	Australia	-	B1/B5	B1/B3/B5/B7/B28	1	✓	PCIE
QFE	Mexico/USA/ Canada	-	B2/B5	B1/B2/B4/B5/B12/B13	1	✓	PCIE
QFF	EMEA/Korea/ Thailand	B3/B8	B1/B5/B8	B1/B3/B5/B7/B8/B20	1	✓	PCIE
QFG	Europe	-	B2/B3/B4/B5/B8	LTE-FDD: B2/B3/B4/B5/B7/B8/B20/B28	4	✓	PCIE
QFH	EMEA/ Australia/Brazil	-	B1/B3/B5/B8	LTE-FDD: B1/B3/B5/B7/B8/B20/B28/ B32 LTE-TDD: B38/B40/B41	6	✓	M.2
QFI		-	B2/B4/B5	B2/B4/B12	1	-	LGA
QFJ	EMEA	900/1800	B1/B8	B1/B3/B7/B8/B20/B28	1	✓	LGA
QFK	Asia	900/1800	B1/B8	B1/B3/B5/B8/B40/B41	1	✓	LGA
QFL	USA	-	B2/B4/B5	B2/B4/B5/B12/B13/B14/B17/B66	4	✓	LGA
QFM	Europe	-	B1/B8/B5	B1/B3/B7/B8/B20(800DD)/B5(850)/ B38(TDD 2600)/B40(TDD 2300) B41(TDD 2500)	4	-	LGA
QFN	North America	-	B2, B4, B5	B2, B4, B12, B13	4	-	PCIE
QFR	Global (AT&T, T-Mobile, Verizon)	B2/B3/B5/B8	B1/B2/B4/B5/B6/B8/B9	B1/B2/B3/B4/B5/B7/B8/B12/B13/ B18/B19/B20/B25/B26/B28/B38/B39/ B40/B41	4	✓	PCIE
QFS	Europe/ North America China/Japan Africa/APAC	-	B1/B2/B8/B4/B5	B1/B2/B3/B4/B7/B8/B11/B12/B13/ B17/B18/B19/B20/B21/B5/B38/B40 B26/B28/B29/B39/B41/B30/B66	9	-	PCIE
QFT	Global (AT&T, T-Mobile, Verizon)	850/900/1800 1900	-	B1/B2/B3/B4/B5/B8/B12/B13/B17/ B18/B19/B20/B26/B28	M1/NB1	Optional	LGA
QFX	Europe/ Australia	B5, B8, B3, B2	-	B1/B2/B3/B4/B5/B8/B12/B13/B18/B19 B20/B25/B26/B27/B28/B31/B66/B72/ B85	CAT-M/ NB2		PCIE
PFC	Global	-	-	B3, B7, B20, B31, B72	4	-	PCIE
*	* Not recommended for new projects						
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