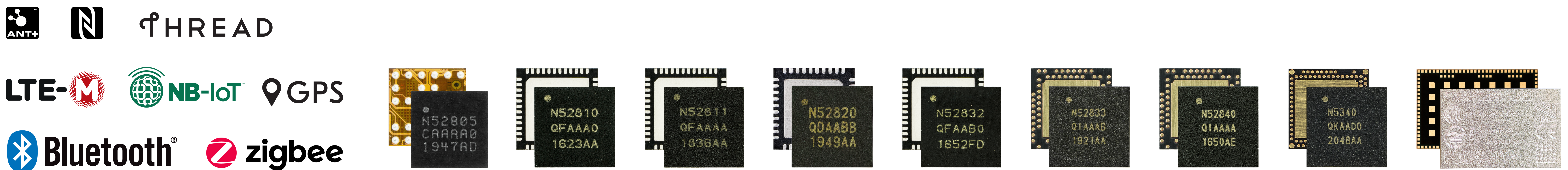


HIGHLIGHTED PRODUCTS

Comparison Table



		nRF52805	nRF52810	nRF52811	nRF52820	nRF52832	nRF52833	nRF52840	nRF5340	nRF9160
LTE-M, NB-IoT, GPS										✓
Bluetooth 5.1 - Direction Finding AoA/AoD	Transmitter	✓		✓	✓		✓		✓	
	Receiver	(✓)		(✓)	(✓)		(✓)		(✓)	
Bluetooth 5 - 2 Mbps		✓	✓	✓	✓	✓	✓	✓	✓	
Bluetooth 5 - Long Range				✓	✓		✓	✓	✓	
Bluetooth mesh					✓	✓	✓	✓	✓	
ANT		(✓)	✓	(✓)	(✓)	✓	(✓)	✓	(✓)	
NFC						✓	✓	✓	✓	
Thread, Zigbee, 802.15.4				✓	(✓)		✓	✓	✓	
CPU Application Core		M4 @64MHz	M4 @64MHz	M4 @64MHz	M4 @64MHz	M4 @64MHz w/Floating point	M4 @64MHz w/Floating point	M4 @64MHz w/Floating point	M33 @128MHz Full featured	M33 @64MHz Full featured
CPU Network Core									M33 @64MHz	Embedded inside modem
Flash (KB) Application Core		192	192	192	256	256/512	512	1024	1024	1024
Flash (KB) Network Core									256	Embedded inside modem
RAM (KB) Application Core		24	24	24	32	32/64	128	256	512	256
RAM (KB) Network Core									64	Embedded inside modem
SPI, TWI, UART, PWM		SPI, TWI, UART	✓	✓	SPI, TWI, UART	✓	✓	✓	✓	✓
High Speed SPI							✓	✓	✓	
ADC, Comparators		ADC	✓	✓	Comparator	✓	✓	✓	✓	ADC
I2S, PDM			PDM	PDM	✓		✓	✓	✓	✓
Arm® TrustZone® CryptoCell								CC310	CC312	CC310
USB					✓		✓	✓	✓	
QSPI								✓	✓	
GPIO		Up to 10	Up to 32	Up to 32	Up to 18	Up to 32	Up to 42	Up to 48	Up to 48	Up to 32
Max operating temperature		+85 °C	+85 °C	+85 °C	+105 °C	+85 °C	+105 °C	+85 °C	+105 °C	+85 °C
Supply Range (V)		1.7-3.6	1.7-3.6	1.7-3.6	1.7-5.5	1.7-3.6	1.7-5.5	1.7-5.5	1.7-5.5	3.0-5.5
Packages			QFN48 (6×6 mm)	QFN48 (6×6 mm)	QFN40 (5×5 mm)	QFN48 (6×6 mm)	αQFN73 (7×7 mm)	αQFN73 (7×7 mm)	αQFN94 (7×7 mm)	LGA (10 × 16 mm)
			QFN32 (5×5 mm)	QFN32 (5×5 mm)		WL-CSP (3.0×3.2 mm)	QFN40 (5×5 mm)	WL-CSP (3.5×3.6 mm)		
		WL-CSP (2.5×2.5 mm)	WL-CSP (2.5×2.5 mm)	WL-CSP (2.5×2.5 mm)		WL-CSP (3.2×3.2 mm)	WL-CSP (3.2×3.2 mm)			

(✓) Software support planned