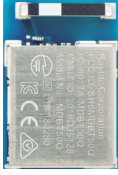

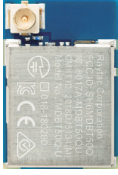







MDBT50Q Series

Item	MDBT50Q-1MV2	MDBT50Q-P1MV2	MDBT50Q-U1MV2
Picture			
Solution	 nRF52840		
Size (mm)	10.5 x 15.5 x 2.05	10.5 x 15.5 x 2.0	10.5 x 15.5 x 2.05
Antenna	Chip	PCB	u.FL Connector for External Antenna
Line-of-sight Distance	125Kbps: Over 550 Meters 1Mbps: Over 300 Meters 2Mbps: Over 130 Meters		125Kbps: Over 750 Meters 1Mbps: Over 300 Meters 2Mbps: Over 180 Meters
RAM	256K		
Flash Memory	1MB		
GPIO	48		
Bluetooth Specification	BT5.2 / BT5.1 / BT5.0		
Other Features	   		
BQB Profiles Applied	1. Alert Notification Profile 2. Blood Pressure Profile 3. Cycling Speed & Cadence Profile 4. Glucose Profile 5. Health Thermometer Profile 6. Heart Rate Profile		7. HID over GATT Profile 8. Proximity Profile 9. Running Speed & Cadence Profile 10. Time Profile 11. Glucose Profile (Central) 12. Mesh Profile
FCC (USA)	*SH6MDBT50Q	*SH6MDBT50Q	*SH6MDBT50Q (4 External Antennas)
IC (Canada)	*8017A-MDBT50Q	*8017A-MDBT50Q	*8017A-MDBT50QU (4 External Antennas)
CE (EU)	CE RED Directive Compliant (2 External Antennas)		
RCM (Australia & New Zealand)	RCM Compliant (2 External Antennas approved)		
Telec (Japan)	*018-180280	*018-180280	*018-180280 (3 External Antennas)
KC (Korea)	*R-C-ryt-MDBT50Q	*R-C-ryt-MDBT50Q	*R-C-ryt-MDBT50Q (4 External Antennas)
SRRC (China)	*CMIIT ID: 2018DJ5128	*CMIIT ID: 2018DJ5128	CMIIT ID: 2018DJ5134(M)
NCC (Taiwan)	*CCAM18LP0820T7	*CCAM18LP0824T2	*CCAM18LP0825T4 (4 External Antennas)
WPC (India)	ETA-1323/2017-RLO(SR)	ETA-1325/2017-RLO(SR)	ETA-1324/2017-RLO(SR)
Interface	QSPI & USB & I2C & SPI & UART & I2S & PDM & PWM & NFC		
Package	Anti-Static SMT Tray/88pcs; Tape & Reel/1,500pcs		
Remark	"*" Module Approval Compliant		