



- 3107/2107ŸĬĬOSŸĬ-ĬEdĬe
- PA0JeBINKEY-1
- PA1JeBINKEY-2
- PA2JeBINKEY-3
- PA3JeBINKEY-4
- PA4JeCMX808J-CS
- PA5JeCMX808J-DATA
- PLLJ-DATA
- 24C02J-SDA
- PA6JeCMX808J-CLOCK
- PLLJ-CLOCK
- PA7JeCMX808J-REPLAY

- PB0JeBATLOWJ-DET
- PB1JeTA31136J-SQ
- PB2JeMONIJ-KEY
- PB3JePTTJ-KEY
- RS232J-RX
- PB4JeLEDJ-REDJĬTXJĬ
- PB5Je386J-POWER
- PB6JeSAVEJ-POWER
- PB7JePLLJ-CS

- PC0JeLEDJ-GREENJĬRXJĬ
- PC1JeRS232J-TX
- PC2JeRX/TXJ-POWER
- PC3Je24C08J-SCL
- PC4JeBEEP
- PLLJ-LD

- PD0JePOWERAPC
- PD1JeCMX808J-IRQ

Specifications

	QX-518VHF	QX-518UHF
General:		
Frequency Range;	M Type 150-174MHz M2 Type 136-150MHz	M Type 450-470MHz M4 Type 400-440MHz
Number of Channels	16 channels	
Channel Spacing	25 KHz (PLL spacing: 5kHz/6.25kHz)	
Power Voltage	6.25 V DC (± 20%)	
750mAh Ni MH battery	3W output, more than 10H	3W output, more than 10H
Working Temperature	20 ~60	
Size (W×H×D)	52×110×25mm (including battery)	
Weight (Net)	190g (including battery and antenna)	

	QX-518VHF	QX-518UHF
Receiver:		
Sensitivity (12dB SINAD)	0.12μV	0.125μV
Modulation Acceptance	±7 kHz	
Selectivity (±25kHz ; EIA)	More than 65dB	
Intermodulation Distortion (±25 k/±50 k/±1 M±2 M)	More than 65dB	More than 60dB
Noise Respond	More than 60dB	
Audio Power Output	400mW when distortion less than 10%	
Frequency Stability	±2.5 ppm	
Channel Frequency Spread	24MHz	40MHz
Transmitter:		
RF Power Output (H/L)	3W / 1W	3W / 1W
Modulation	16kΦF3E	
Spurious and Harmonics	Less than 70 dB	
FM noise (300-3000Hz)	Less than 45 dB	
Modulation Distortion (300-3000Hz)	Less than 5%	
Frequency Stability	±2.5 ppm	
Channel Frequency Spread	24 MHz	40MHz
Max. Freq. Deviation	±5 kHz (1000kHz100%)	

Sorry for no further advise for changing the specification.

