



# Wi-Fi HaLow™ RF Module

Part#: MRF61\_FI\_FL / MRF61\_FI\_TH

An exceptional IEEE802.11ah (Wi-Fi HaLow™) RF module featuring the latest transceiver IC from Morse Micro.

■ Features

1. Access Point or End Point

Multi-functional RF module works as an access point or an end point

2. Simplified Design

Dedicated to Wi-Fi HaLow™ communication with minimal features for less footprint and cost

3. FCC/ISED Certified

The module has FCC/ISED certification so that the final product only needs very little effort to comply. Other regional models are also available

■ Top View



※The above photo shows the ARIB version with U.FL connector.

■ Specifications

Wireless	IEEE802.11ah	Dimension	W:23mm x D:14mm x H:2.58mm
RF IC	Morse Micro MM6108	Certification	FCC, ISED
Host Interface	SDIO, SPI	Antenna Conn.	MRF61_FI_FL : U.FL
			MRF61_FI_TH : EdgeTH
Data Rate	150K – 32.5Mbps	Max TX Power	22dBm
Range	>1km	Power Supply	3.3V
Mount Type	Surface Mount	Operation Temp.	-40℃ - 85℃

■ Block Diagram

