



MINEWSEMI

MinewSemi

Module Naming Reference Manual



Shenzhen Minewsemi Co., Ltd.

The First Generation Naming Rules

M **S** **00** **XX** **0** **0** - **000**
 Company Product Type Communication Type Product Category Number Version Number Antenna Type Module Product Serial Number

Product serial number, from 1-9, if 9 is used up, then from A-Z, i.e. A represents the 10th version.

- | | |
|----------------------------------|---------------------|
| 1 PCB Antenna | 7 PCB+Ceramic |
| 2 Ceramic Antenna (Chip Antenna) | 8 PCB+IPEX Terminal |
| 3 IPEX terminal | 9 PCB+SMA |
| 4 Empty (No Antenna) | A Ceramic + IPEX |
| 5 SMA Terminal | B Ceramic + SMA |
| 6 Spring Antenna | C SMA+IPEX Terminal |

Version serial number, from 1-9, if 9 is used up, then from A-Z, i.e. A represents the 10th version.

- SF: Non-Cellular Module Product Category
- SC: Cellular Module Product Category
- SN: Global Positioning Module Product Category

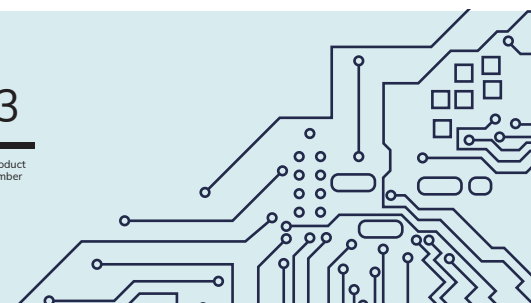
- 0X UWB Product Line
- 1X Wi-Fi Product Line
- 2X LoRa Product Line
- 3X GNSS Product Line
- 4X / 5X / 8X BLE Bluetooth Product Line
- 7X mmWave Radar Product Line

- S First Generation Own Module
- D Customized Module Products

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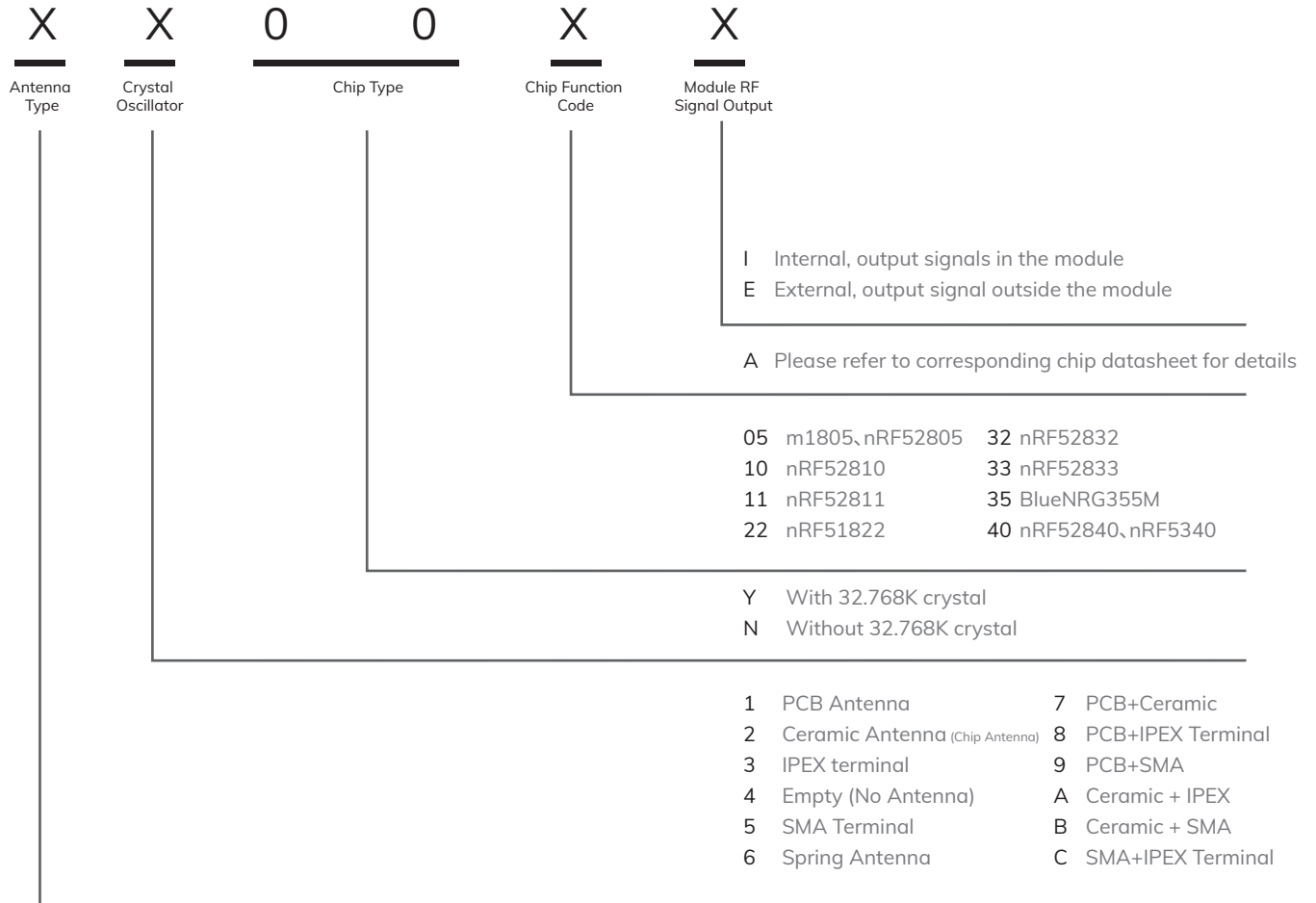
Example

M **S** **50** **SF** **A** **1** - **023**
 Minewsemi First generation own module Bluetooth product line Non-cellular module product category The 10th version PCB antenna Module product serial number

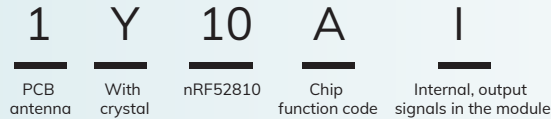


Hardware Code Information (First Generation)

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Example

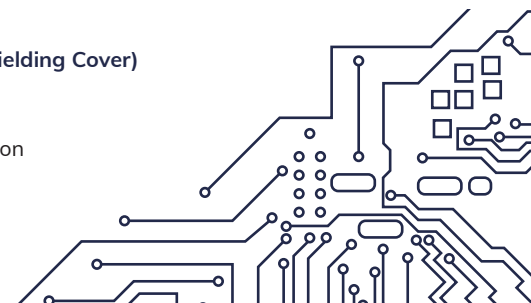


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MS50SFA
1Y10AI
FCC ID:2ABU6-MS50SFA
CE RoHS

Marking Content Specifications (With Shielding Cover)

- The first line of marking: product model
- The second line of marking: module hardware code information
- The third line and onwards are certification information



The Second Generation Naming Rules

M **E** **00** **X** **X** **00** - **000**

Company Product Type Product Serial Name Communication Type Product Category Number Product Model Number Product Serial Number

Product serial number, from 1-9, if 9 is used up, then from A-Z, i.e. A represents the 10th version.

Product models, named by number, from 01-99

S	Bidirectional Transceiver Module	M	Motherboard/Mainboard
T	Remote Control/Transmitter Module	C	Control Board
R	Receiver Board/Receiver Module	B	Development Board
P	Power Supply Board	K	Development Tools
E	Expansion Board		

B	Low Energy Bluetooth Module	U	UWB Module
G	GNSS Module	M	mmWave Radar Module
W	Wi-Fi Module	N	NB-IoT Module
L	LoRa/LoRaWAN Module	4	4G Module

BF Customized PCBA product series without module

MF Customized PCBA product series with module

31 Indicates GNSS module in 1010 package

50 BLE Empty Module / BLE Slave Module / BLE Master-Slave Module

53 BLE Multi-master Multi- slave Module

52 Mesh Networking

56 With Application Solution

 For more series names, please refer to Appendix 1: Second Generation Module Product Series Library

E The second generation own module naming word

S The first generation of own module naming word

D Customized module cproducts

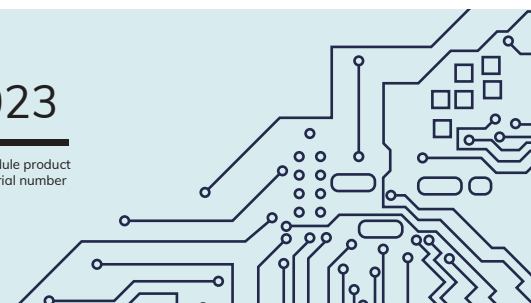
X Development boards and development tools

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Example

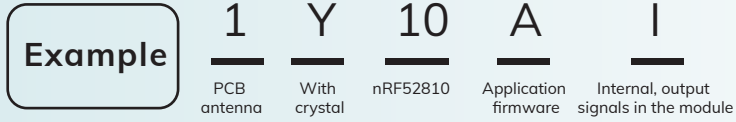
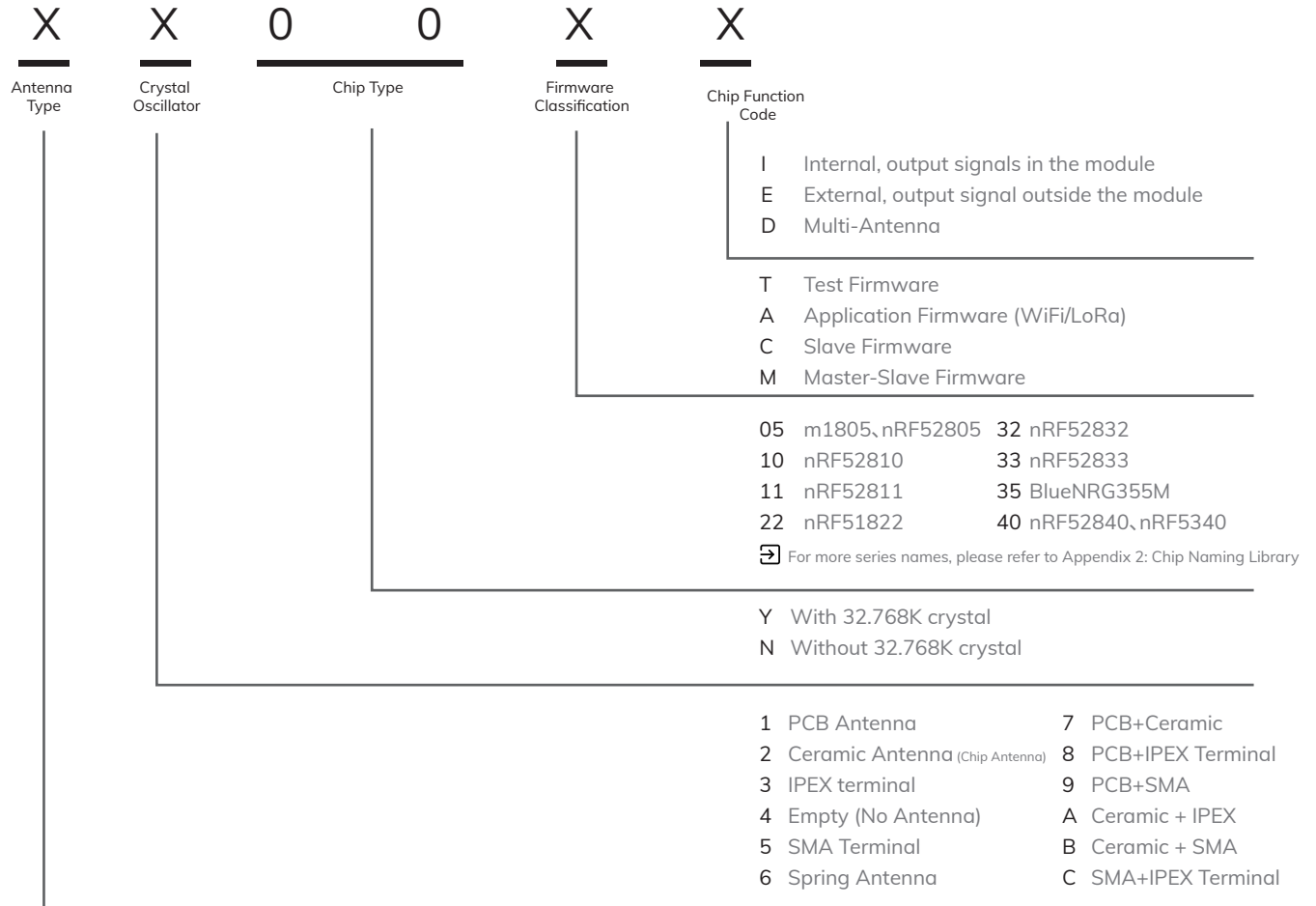
M **E** **32** **G** **S** **01** - **023**

Minewsemi The second generation own module GNSS module in 1612 package GNSS module Bidirectional transceiver module The first product model Module product serial number

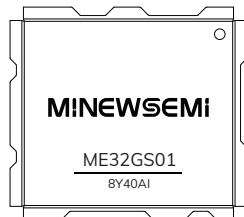


Hardware Code Information (Second Generation)

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Marking Content Specifications (With Shielding Cover)

The first line of marking: MinewSemi brand LOGO

The second line of marking: product model

The third line of marking: module hardware code information

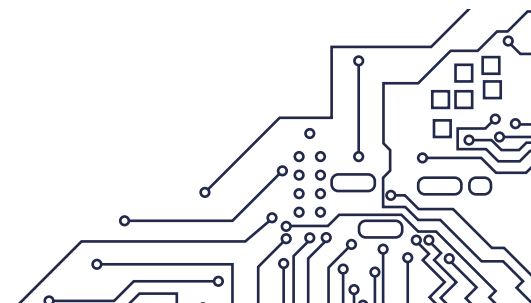
Note: Small size version does not include QR code

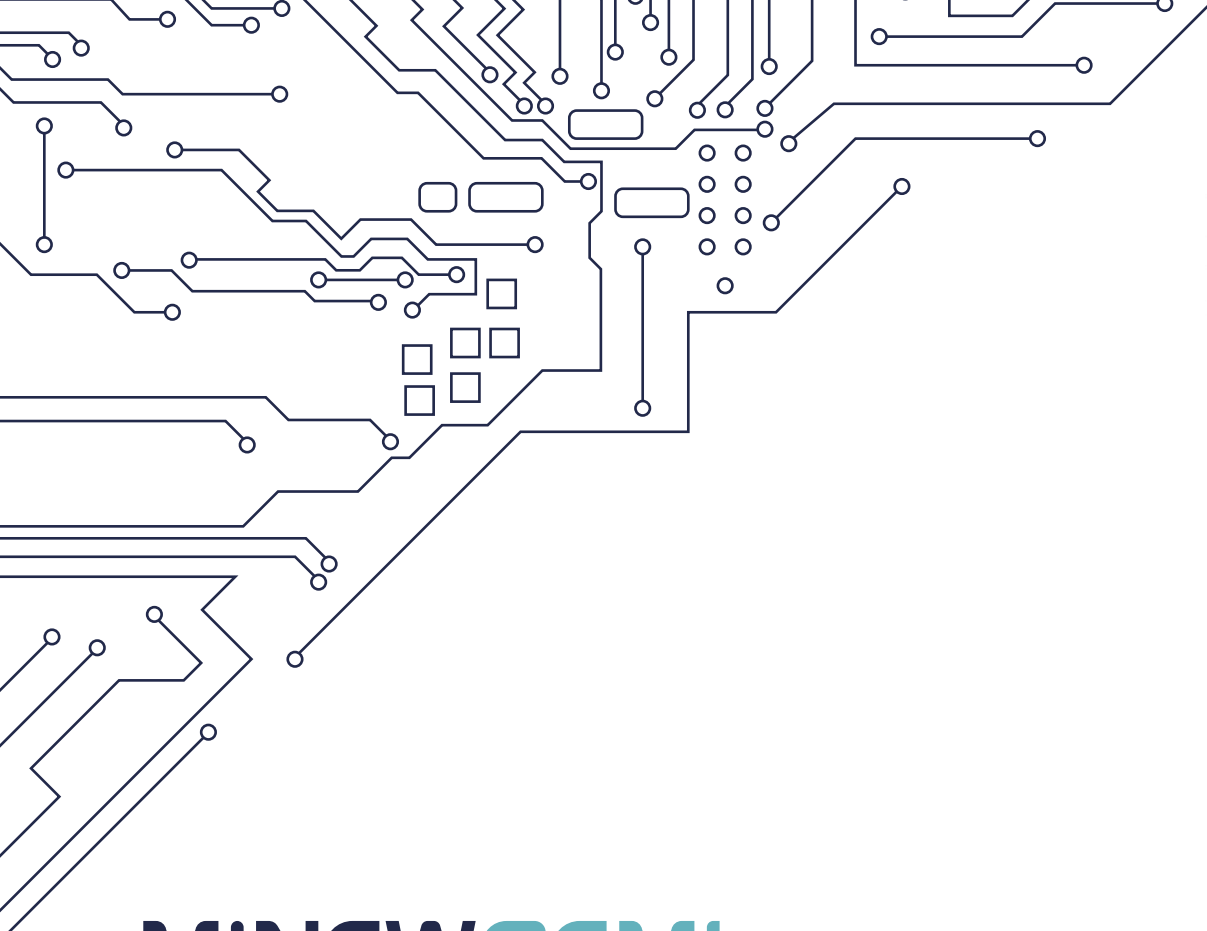


Series Library Number	Series Definition	Explanation of Series Meaning
BF	Customized PCBA product series without module	MDBF is a customized PCBA product without module
MF	Customized PCBA product series with module	MDMF for customized PCBA products with modules
50	BLE Empty Module / BLE Slave Module / BLE Master-Slave Module	Nordic nRF52\53 series BLE Transmission Modules
51	Small size module	All modules in this series are small size modules
52	Domestic Chip Series BLE Module Products	BLE Transmission Module, product series with domestic low-cost chip solutions from Telink and Nations
53	ST Series BLE Module Products	BLE transmission module with ST chip
54	Nordic nRF54 Series BLE Module Products	BLE transmission modules with Nordic nRF54 series chip
56	INPLAY Chip Series BLE Module Products	BLE Transmission Module with INPLAY Chip
01	UWB Module	UWB Positioning and Ranging Module
14	WiFi Module	RF Transmission Module
16	WiFi + X Combo Module	Combo Module with WiFi as the main feature
21	LoRa Module	RF Transmission Module
25	LoRa + X Combo Module	Combo Module with LoRa as the main feature
31	GNSS Module in 1010 Package	1010 package represents 10.1*9.7*2.4 size GNSS module
32	GNSS Module in 1612 Package	1612 package represents 16.0*12.2*2.4 size of GNSS module
33	GNSS Module in 2217 Package	2217 package represents 17*22*3.0 size GNSS module
34	GNSS Modules in Other Packages	GNSS modules in other packages
72	60GHZ Millimeter Wave Radar Module	60GHZ Millimeter Wave Radar SoC Module
73	24GHZ Millimeter Wave Radar Module	24GHZ Millimeter Wave Radar SoC Module



Expression Character	Interpretation	Remarks
05	m1805, nRF52805	
10	nRF52810, IN610, LR1110	
11	nRF52811	
22	nRF51822	
28	IN628E	
31	N32WB031KEQ6-2	
32	nRF52832, BlueNRG332AC, ESP32-D0WD-V3	
33	nRF52833	
35	BlueNRG355MC	
40	nRF52840, nRF5340	
C3	ESP32-C3	
C6	ESP32-C6	
62	SX1262	
68	LLCC68	
E5	STM32WLE5CC	





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