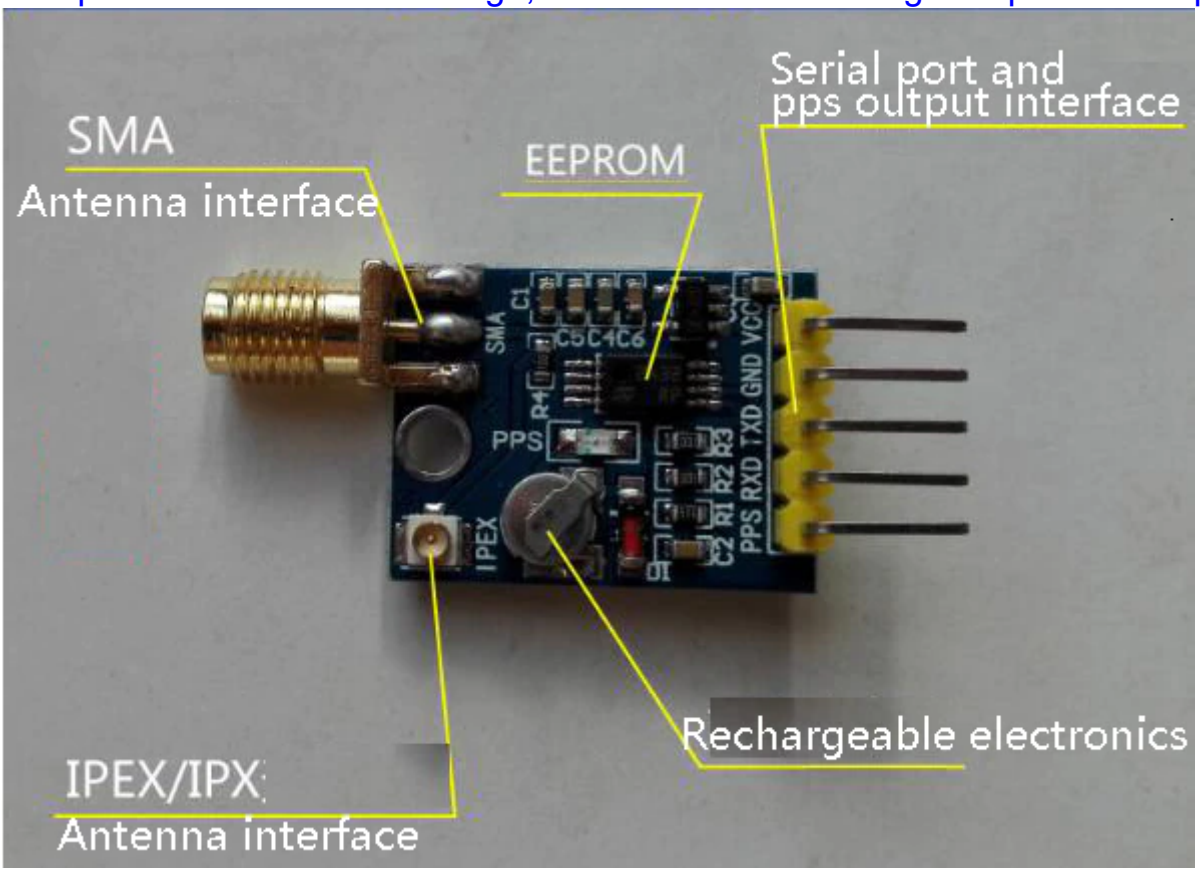
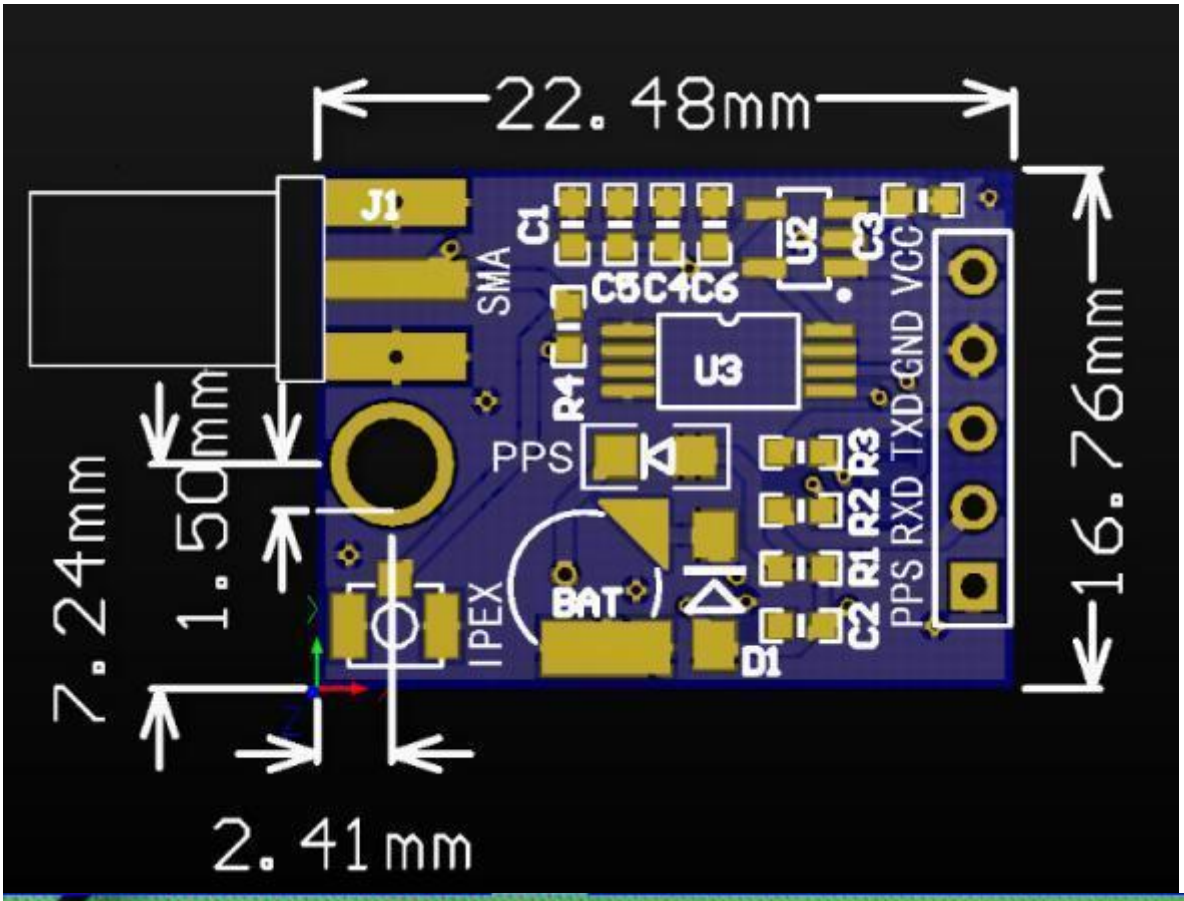
# neo-m8n GPS navigation and positioning module

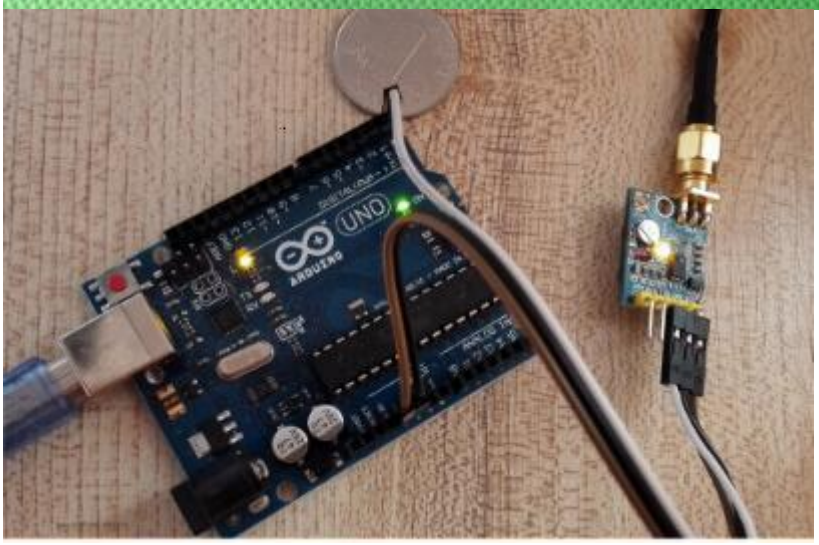
**Product features:**

Default output baud rate: 9600 (can be modified by u-center)
Default output frequency: 1Hz (can be modified by u-center)
Output protocol: nmea-0183
Output level: serial communication TTL level
Supporting satellites: GPS satellites, beidou satellites, GLONASS satellites
(the default is the combination of GPS+GLONASS satellite, and the combination of GPS+ beidou satellite or GPS+GLONASS satellite can be set.)
It has IPEX and SMA antenna interfaces, which can be connected with various active antennas.
Equipped with rechargeable backup battery, it can temporarily keep the ephemeris data when power is off, and improve the speed of hot start positioning.
Compatible with 5V/ 3.3v voltage, suitable for various single chip microcomputer.

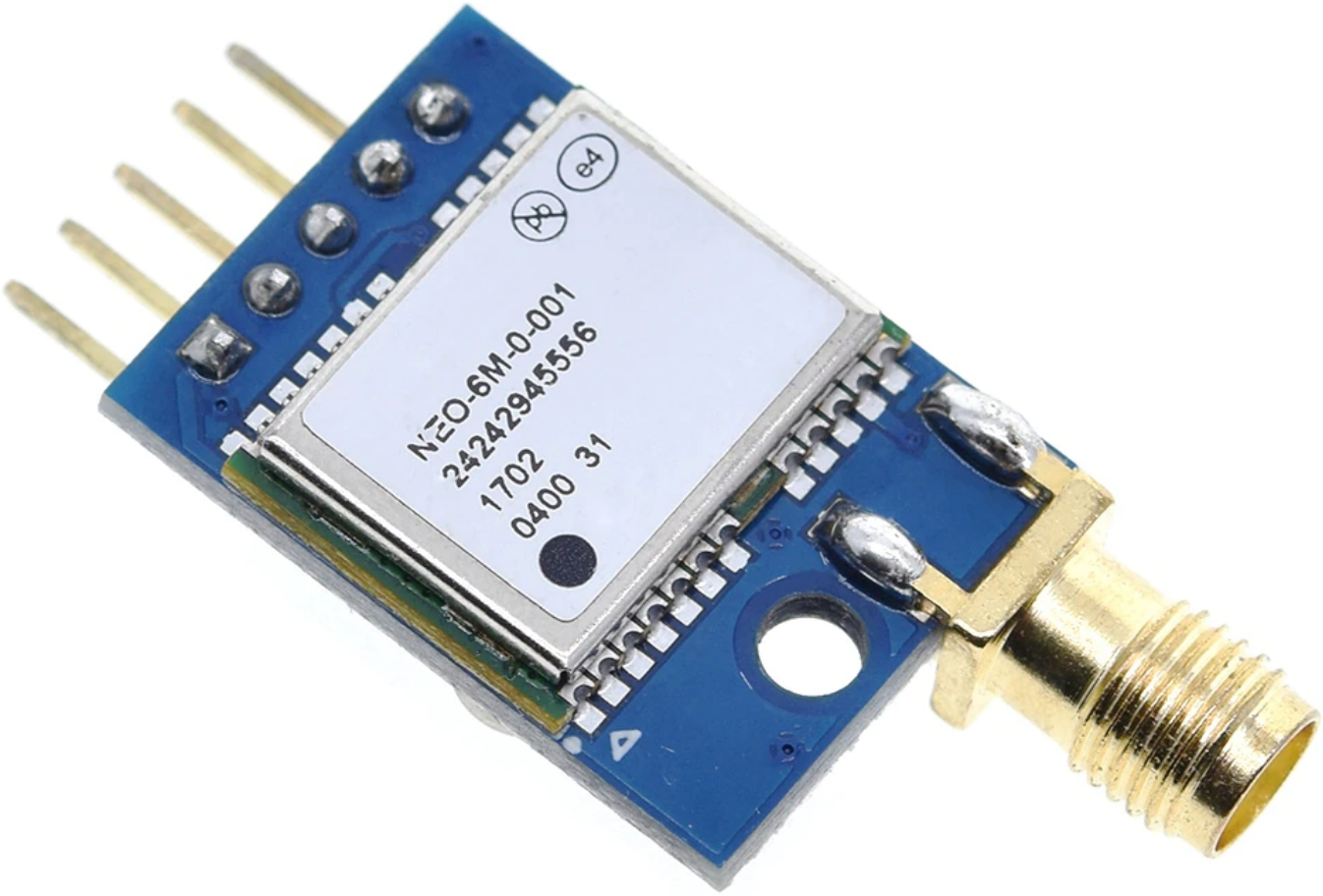



22.48mm
16.76mm
7.24mm
1.50mm
2.41mm
J1
SMA
C1
C5C4C6
U2
C3
U3
R4
PPS
IPEX
BAT
D1
C2 R1 R2 R3
PPS RXD TXD GND VCC

15:45:20 123.M
N34°23'E113°45'



All_goods_are_free_shipping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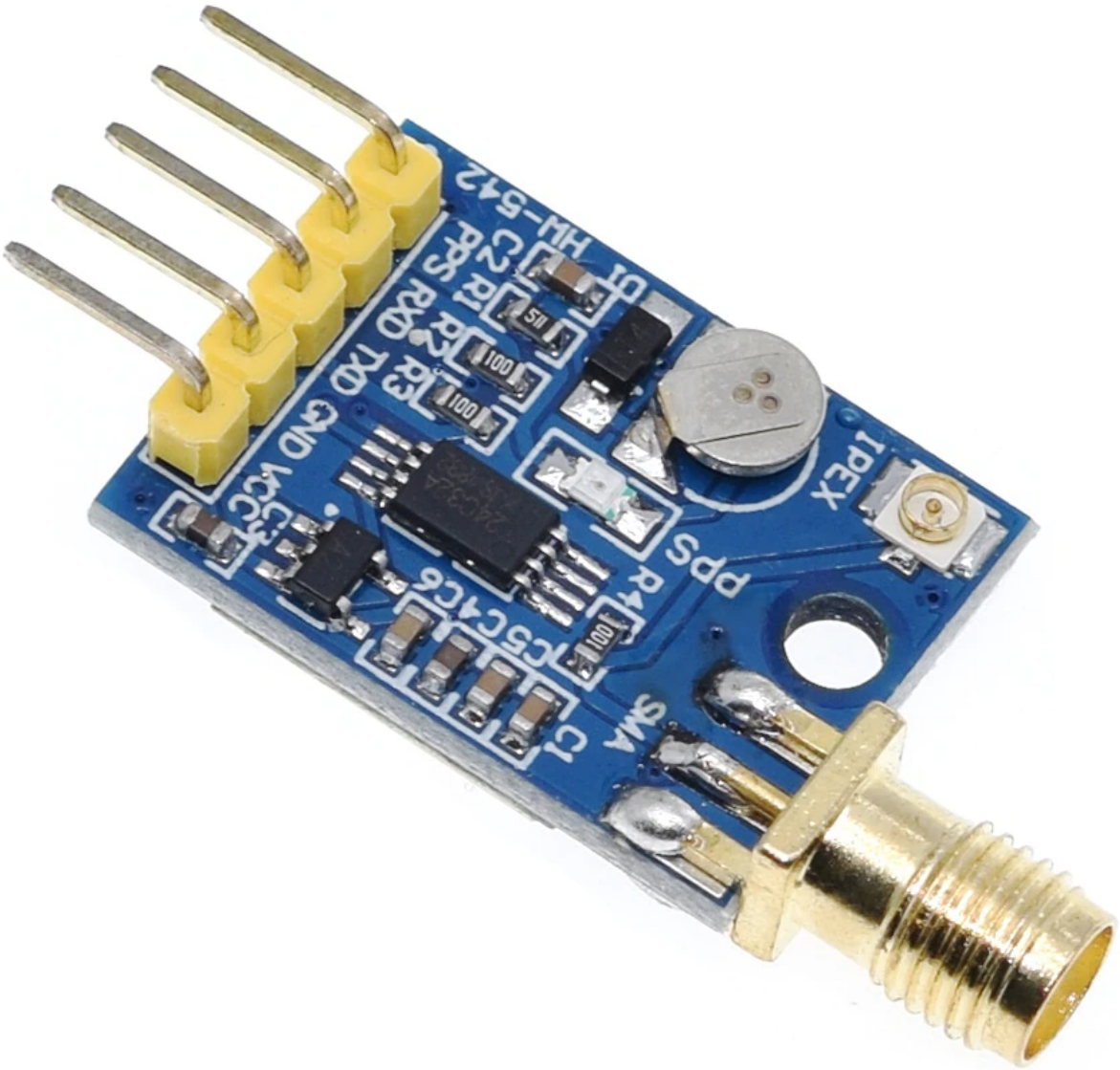
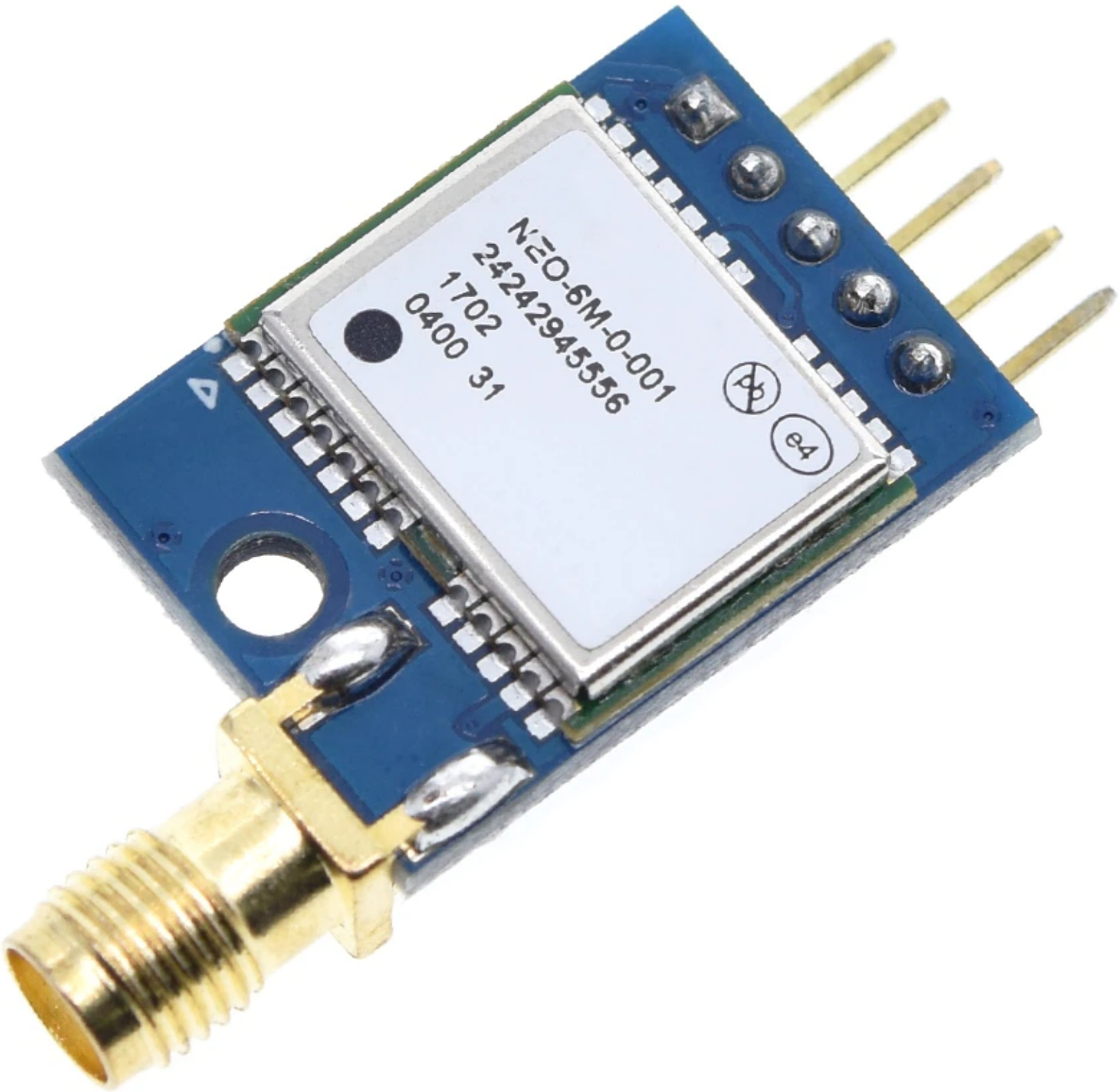
2424945556
1702
0400 31


HW-542
GND
VCC
IPEX
SMA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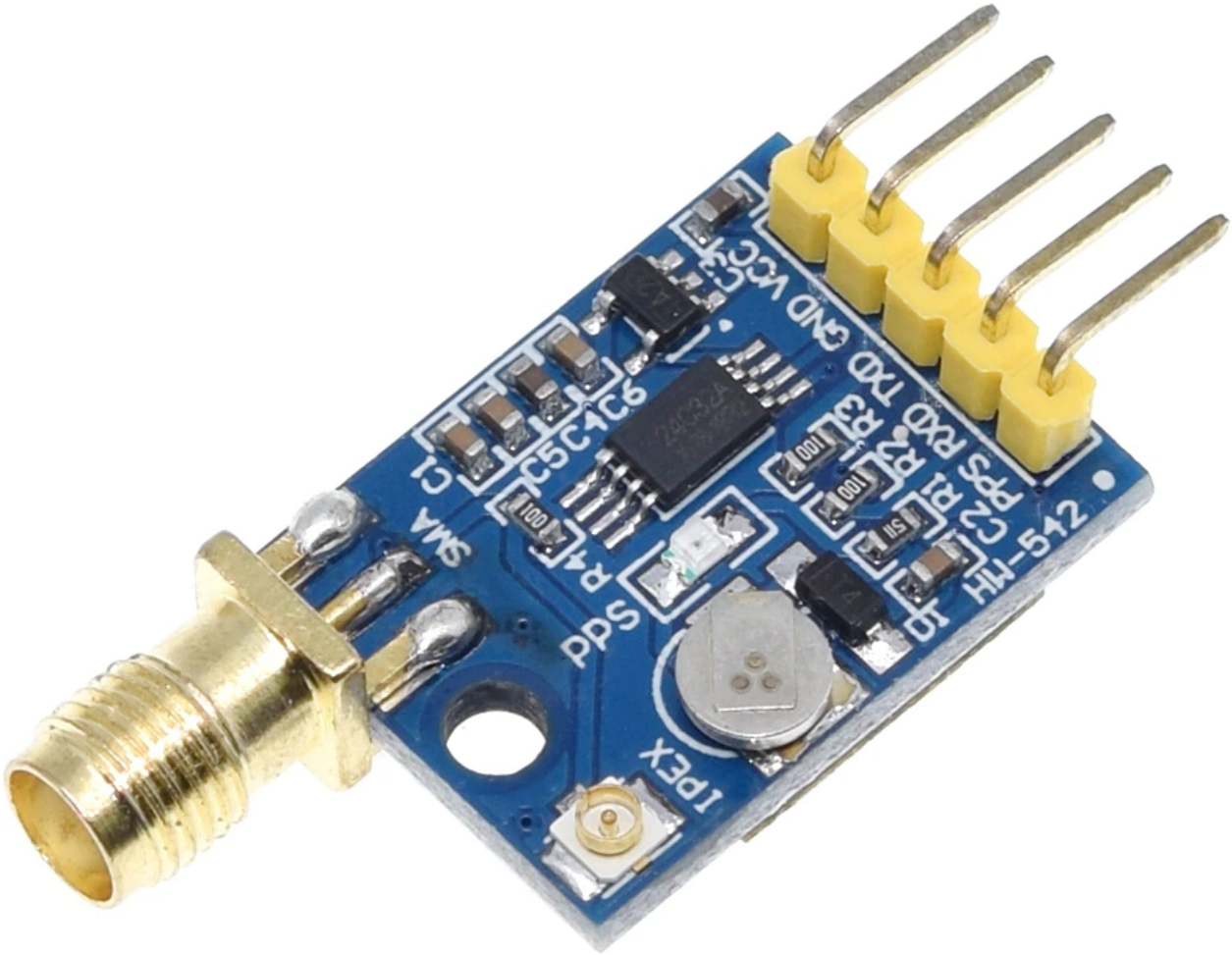
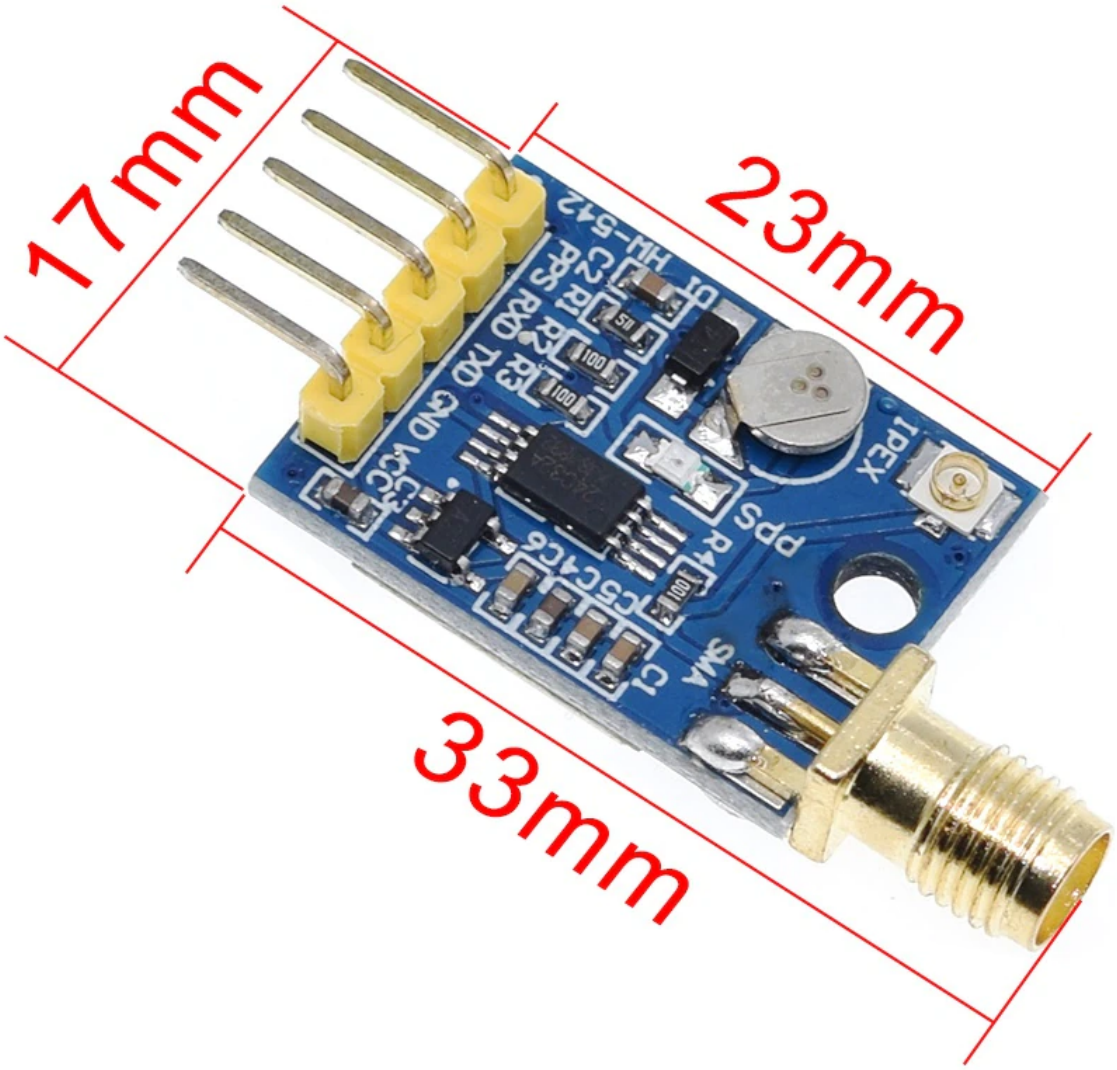
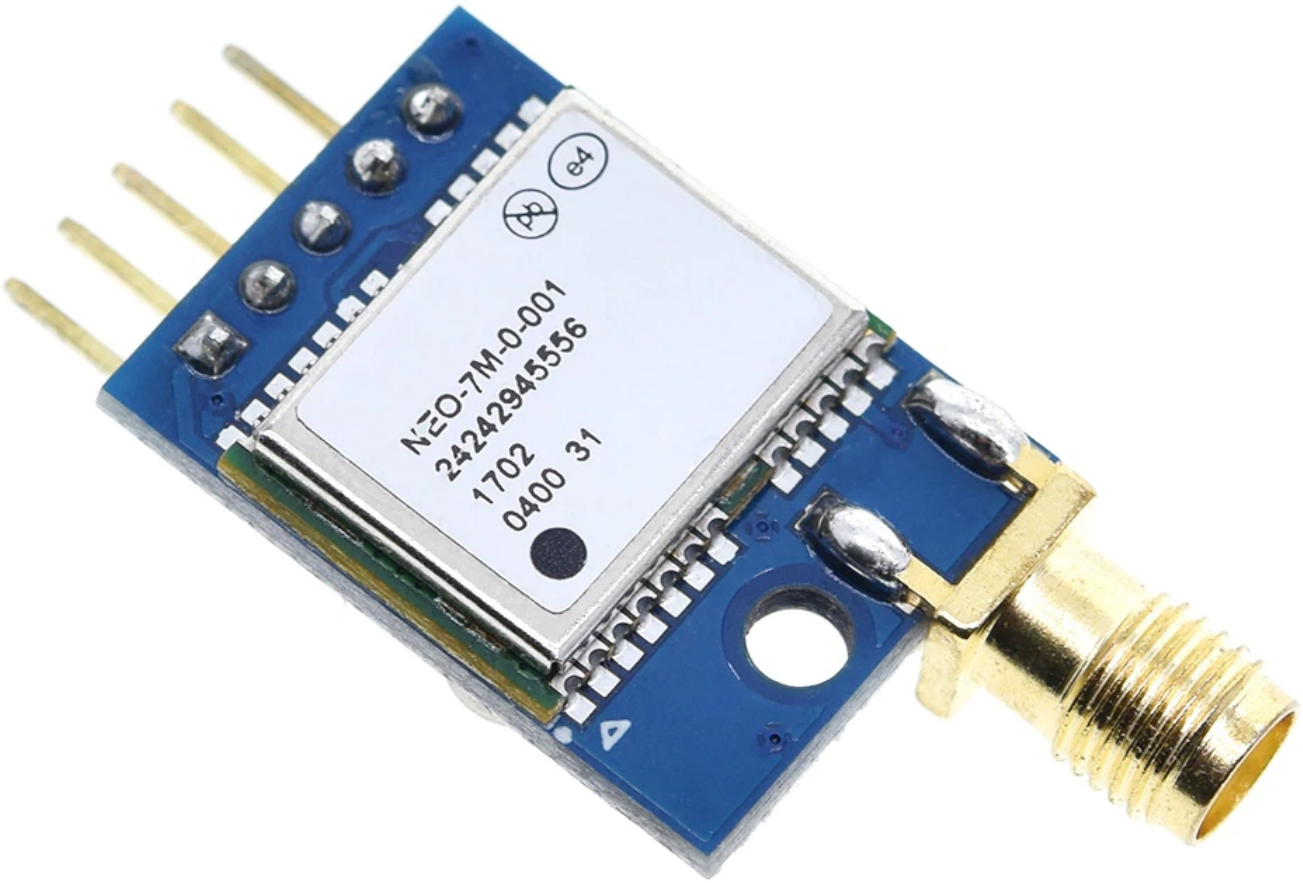
1702
0400 31
e4


C1
C5 C4 C6
C3
VCC
GND
TXD
RXD
R3
R2
R1
PPS
C2
HW-542
SMA
R4
PPS
IPEX


17mm
23mm
33mm
HW-542
GND
VCC
TXD
RXD
PPS
IPEX
SMA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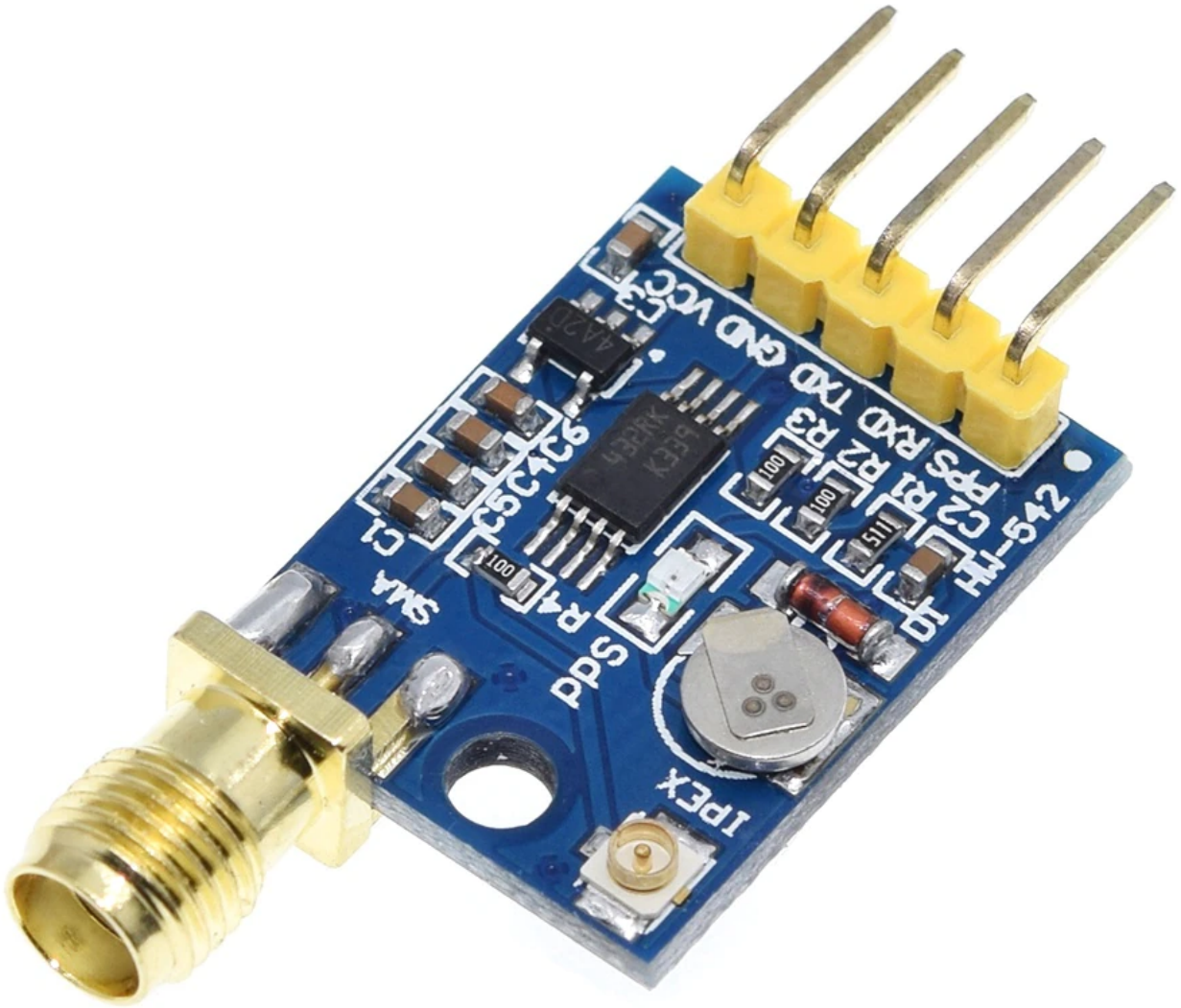
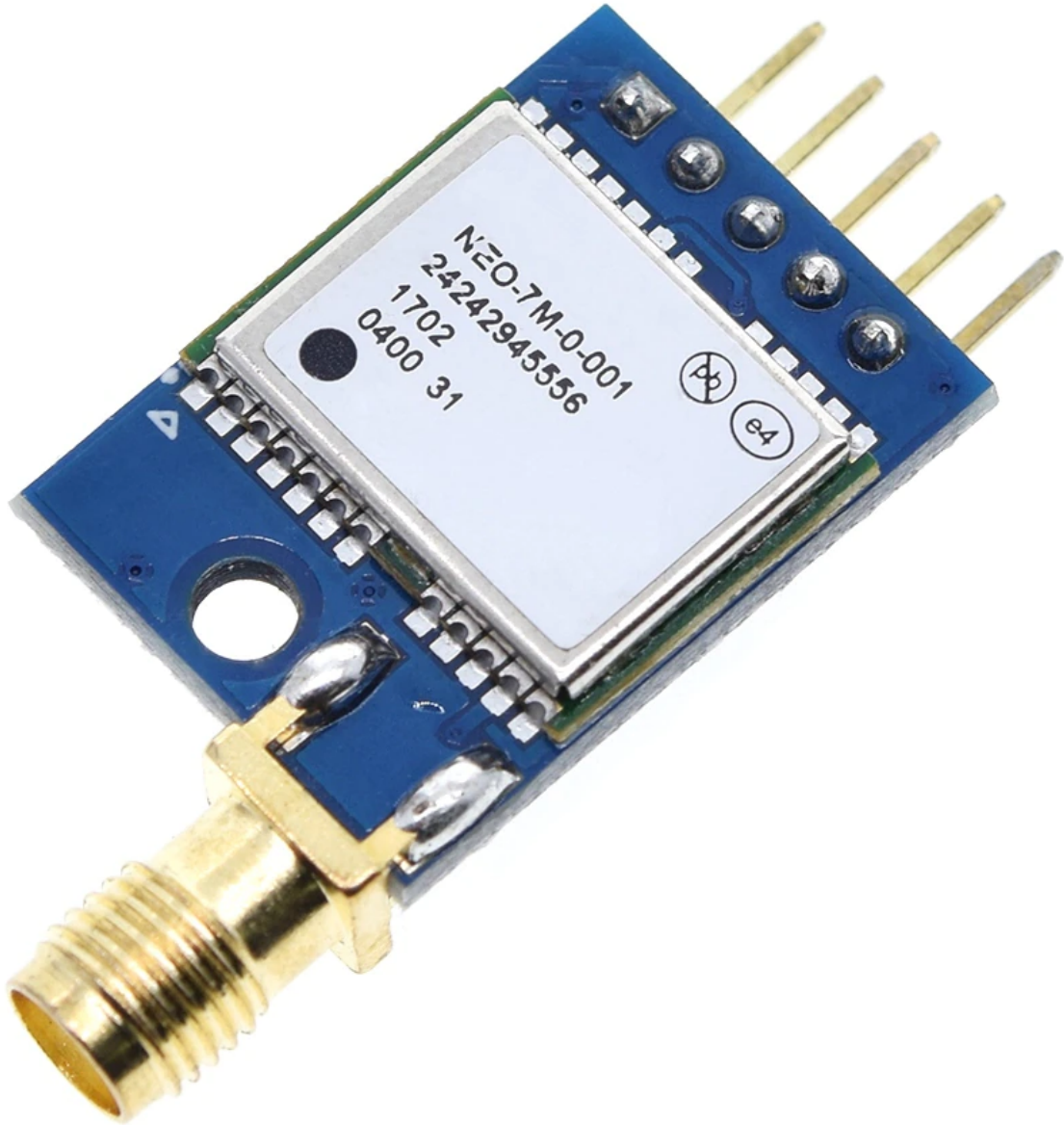
1702
0400 31


VCC
GND
TXD
RXD
PPS
HW-542
IPEX
SMA
PPS
C1
C5
C4
C6
R4
R3
R2
R1
C2
C3
100
100
100
511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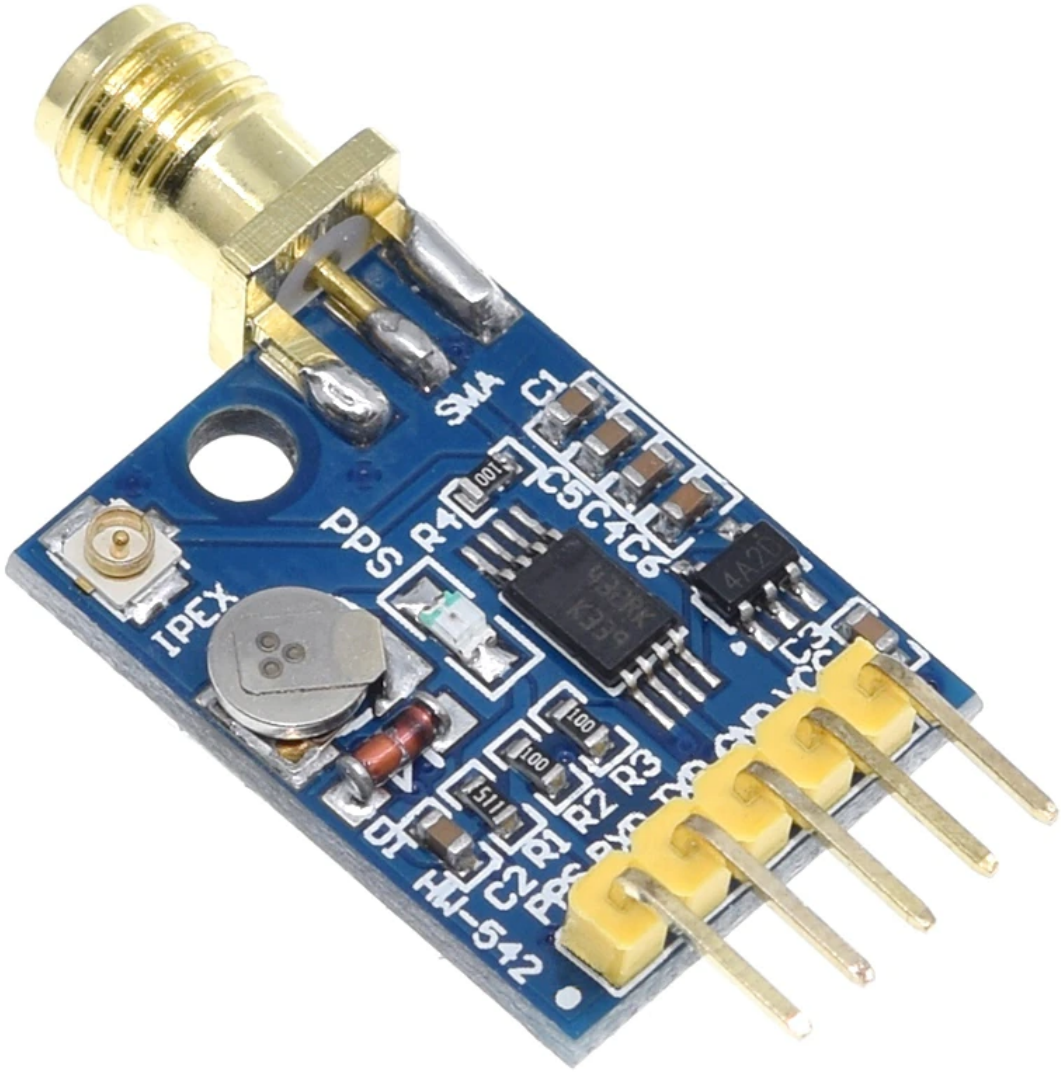
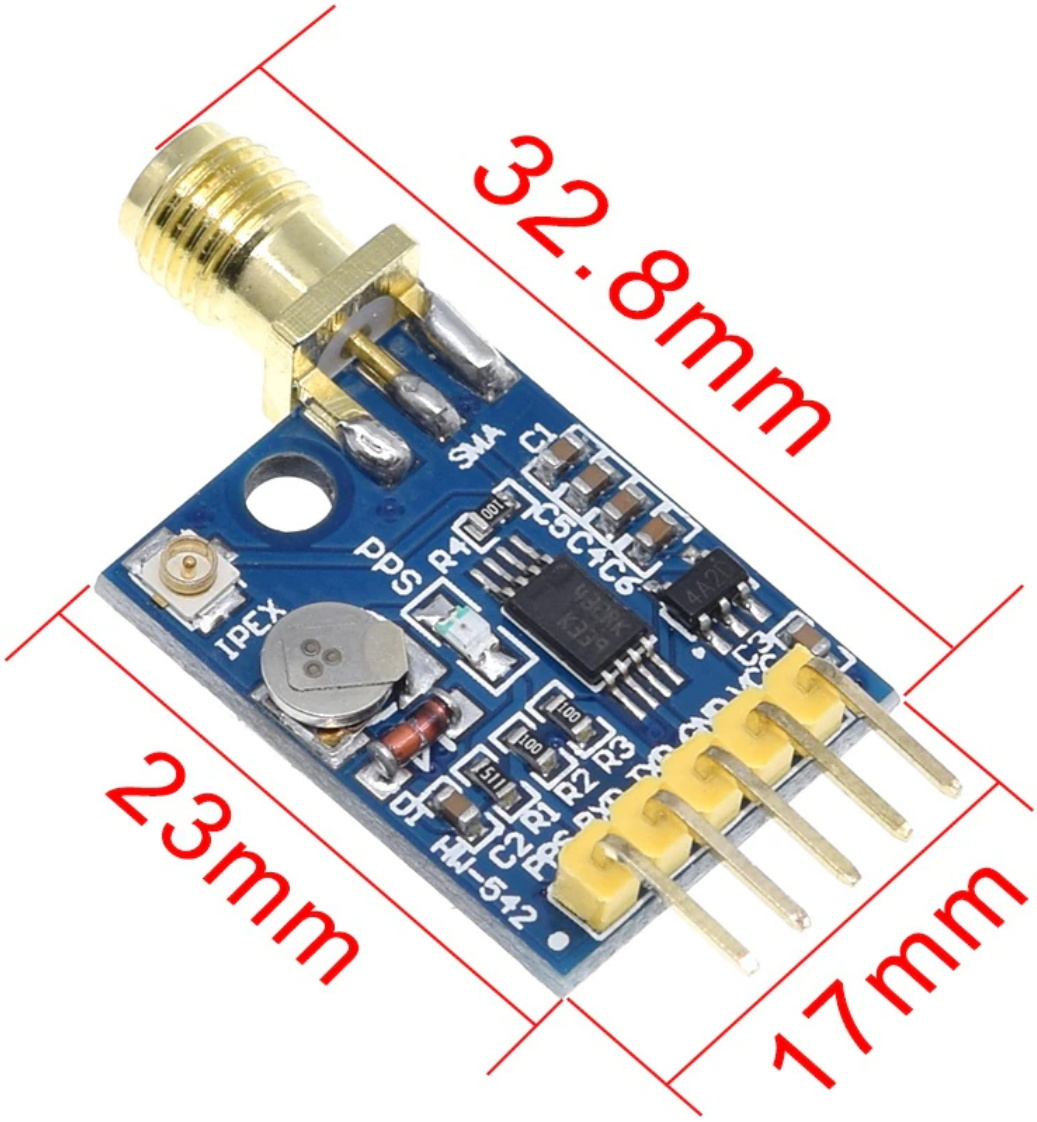
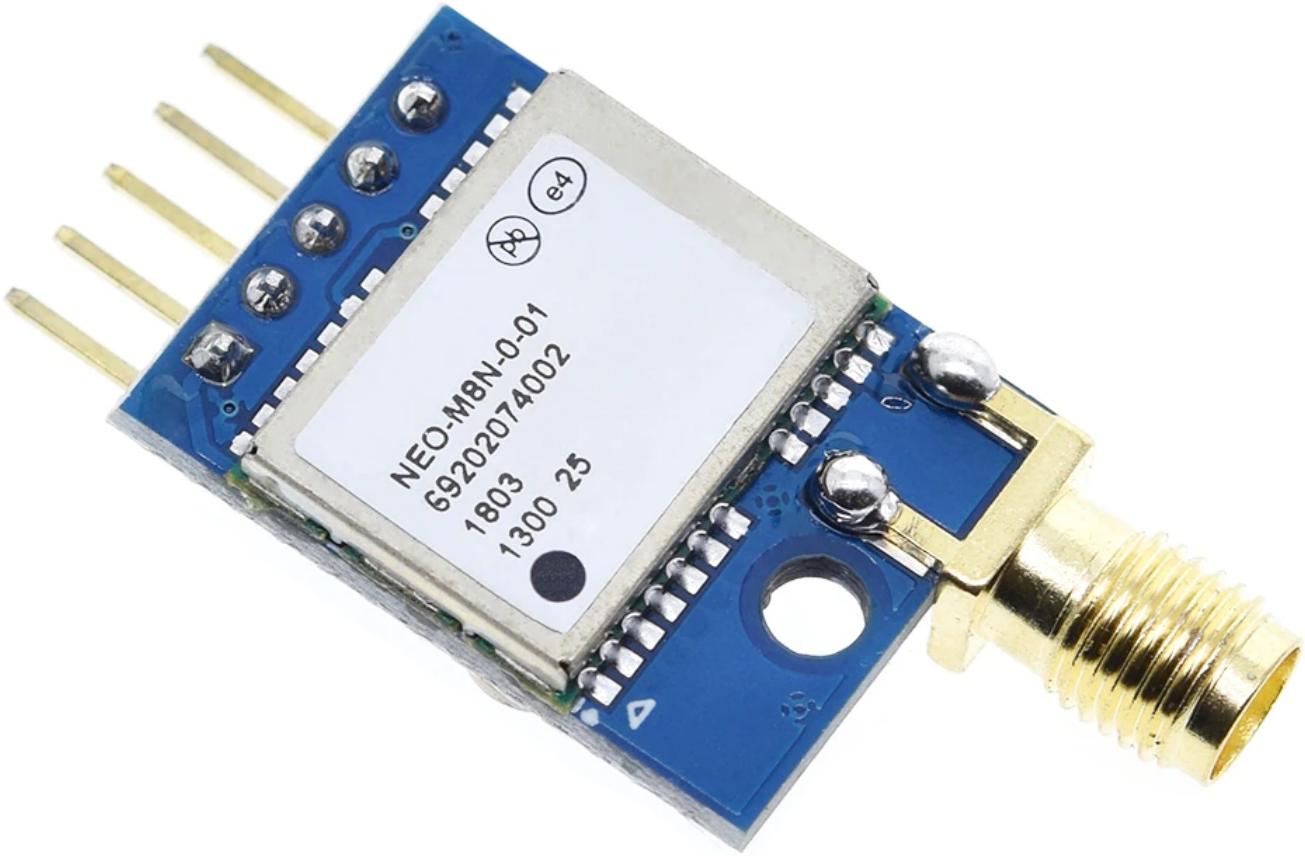
1702
0400 31
e4


SMA
C1
C5
C4
C6
R4
PPS
IPEX
C3
R3
R2
R1
C2
HW-542


32.8mm
23mm
17mm
SMA
C1
C5
C4
C6
R4
PPS
IPEX
R3
R2
R1
C2
HW-542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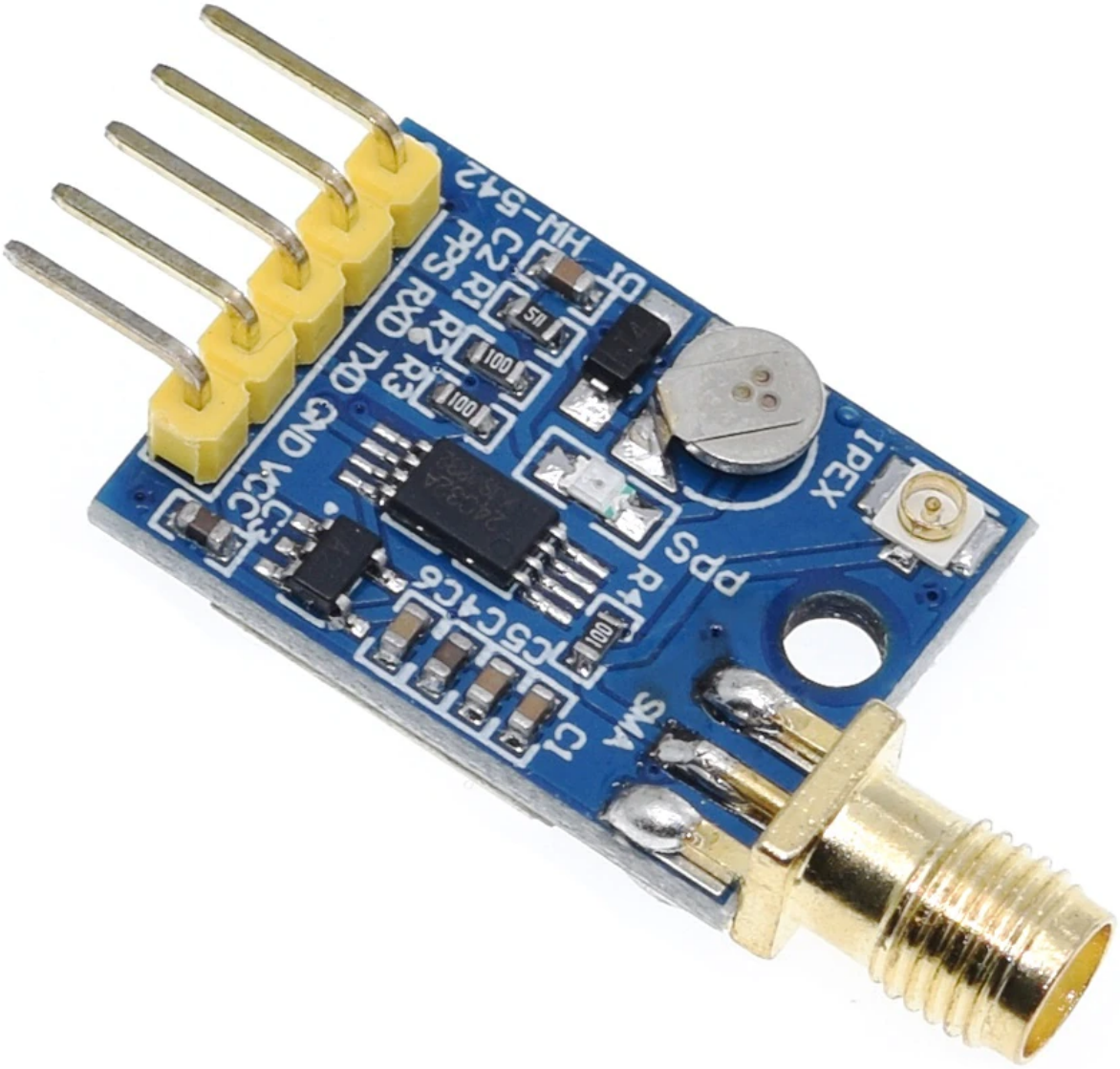
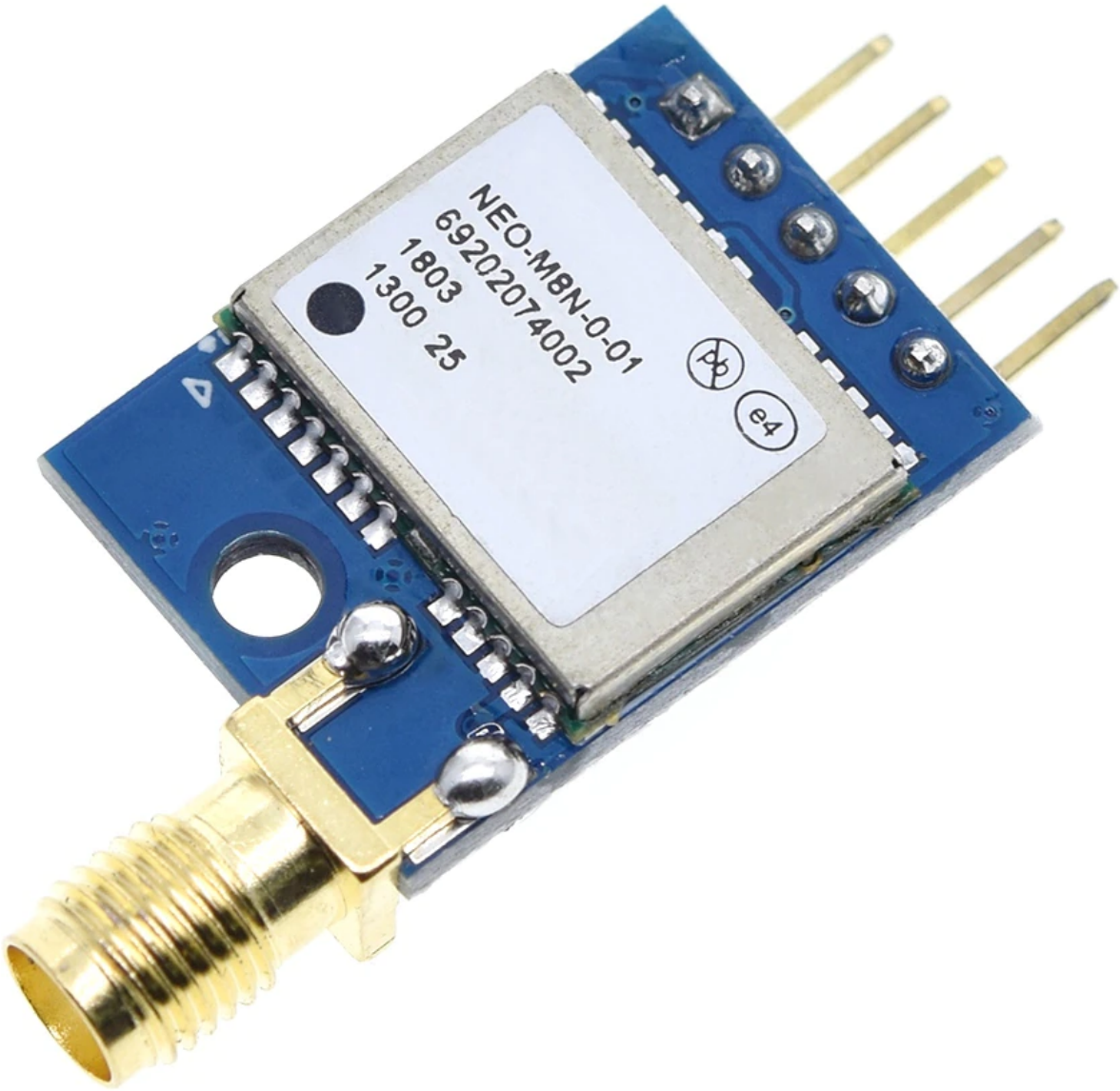
1803
1300 25


HW-542
GND
VCC
TXD
IPEX
PPS
SW4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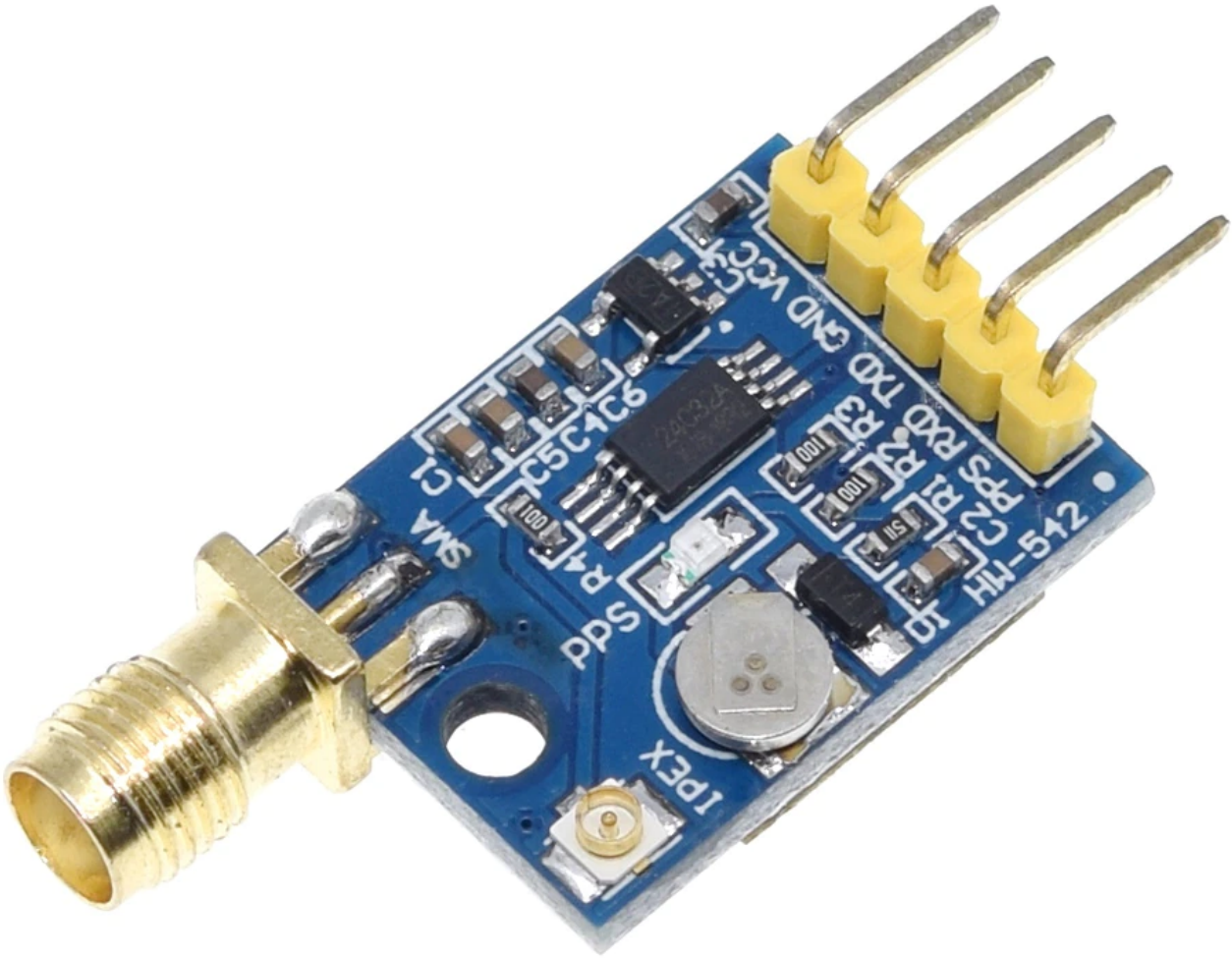
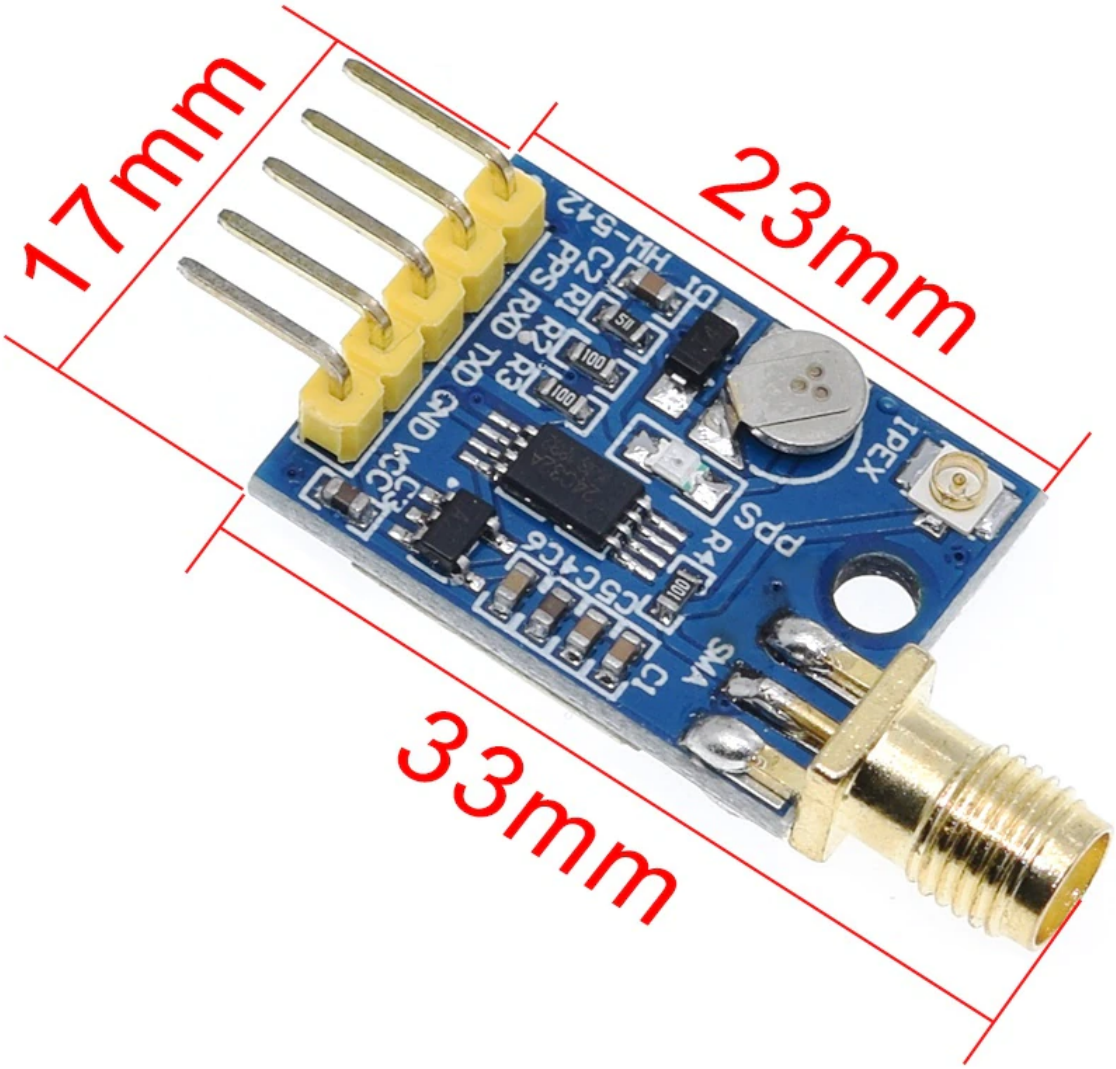

C1
C5
C4
C6
SMA
R4
PPS
IPEX
VCC
GND
TXD
RXD
PPS
R3
R2
R1
C2
U1
HW-512


17mm
23mm
33mm
HW-542
IPEX
SMA