

Manual

EN: Please enter "V3 LoRa Board" in the URL below to get detailed instructions.

DE: Für detaillierte Anweisungen geben Sie bitte "V3 LoRa Board" in die untenstehende URL ein.

FR : Veuillez saisir "V3 LoRa Board" dans l'URL ci-dessous pour obtenir des instructions détaillées.

IT: inserisci "V3 LoRa Board" nell'URL seguente per istruzioni dettagliate.

ES: Introduzca "V3 LoRa Board" en la siguiente URL para obtener instrucciones detalladas.

NL: Voer "V3 LoRa Board" in de onderstaande URL in voor gedetailleerde instructies.

Web: www.ainewiot.com



V3 LoRa Board

Parameters:

Main Frequency: 240MHz

FLASH: 8Mbyte

Processor: xtensa32-bit LX7 dual-core processor

Main control chip: ESP32-S3FN8

LoRa chip: SX1262

Deep sleep: <10pA

USB to interface chip : Cp2102

Open communication distance : 2.8KM

Dual-mode Bluetooth: traditional Bluetooth and BLE low-power Bluetooth

Development environment: perfect support for Arduino

Operating voltage: 3.3~7V

Operating temperature range: -20~70° C

Receiver sensitivity : -139dbm(Sf12,125KHz)

Support mode: WIFI Bluetooth LORA

V3 LoRa Board

Parameter:

Hauptfrequenz: 240MHz

FLASH: 8Mbyte

Prozessor: xtensa32-bit LX7

Dual-Core-Prozessor

Hauptsteuerchip: ESP32-S3FN8

LoRa-Chip: SX1262

Tiefschlaf: <10pA

USB-Schnittstellen-Chip : Cp2102

Offene Kommunikationsentfernung : 2.8KM

Dual-Mode Bluetooth: traditionelles

Bluetooth und BLE Low-Power Bluetooth

Entwicklungsumgebung: perfekte Unterstützung für Arduino

Betriebsspannung: 3.3~7V

Betriebstemperaturbereich: -20~70° C

Empfindlichkeit des Empfängers: -139dbm
(Sf12, 125KHz)

Unterstützungsmodus: WIFI Bluetooth LORA

V3 LoRa Board

Paramètres :

Fréquence principale : 240MHz

FLASH : 8Mbyte

Processeur : xtensa32-bit LX7 dual-core processor

Puce de contrôle principale : ESP32-S3FN8

Puce LoRa : SX1262

Sommeil profond : <10pA

Puce d'interface USB : Cp2102
Distance de communication ouverte : 2.8KM
Bluetooth bimode : Bluetooth traditionnel et
Bluetooth basse consommation BLE
Environnement de développement : support
parfait pour Arduino
Tension de fonctionnement : 3.3~7V
Température de fonctionnement : -20~70° C
Sensibilité du ré
cepteur : -139dbm(Sf12,125KHz)
Mode de support : WIFI Bluetooth LORA

V3 LoRa Board

Parametri:
Frequenza principale: 240MHz
FLASH: 8Mbyte
Processore: processore dual-core
xtensa32-bit LX7
Chip di controllo principale: ESP32-S3FN8
Chip LoRa: SX1262
Sonno profondo: <10pA
USB al chip di interfaccia : Cp2102
Distanza di comunicazione aperta : 2,8KM
Bluetooth a doppia modalità: Bluetooth
tradizionale e Bluetooth a basso consumo

BLE

Ambiente di sviluppo: supporto perfetto per Arduino

Tensione di funzionamento: 3,3~7V

Temperatura di funzionamento: -20~70°C

Sensibilità del ricevitore: -139dbm (Sf12, 125KHz)

Modalità di supporto: WIFI Bluetooth LORA

V3 LoRa Board

Parámetros:

Frecuencia principal: 240MHz

FLASH: 8Mbyte

Procesador: xtensa32-bit LX7 procesador de doble núcleo

Chip de control principal: ESP32-S3FN8

Chip LoRa: SX1262

Sueño profundo: <10pA

USB a chip de interfaz : Cp2102

Distancia de comunicación abierta : 2,8KM

Bluetooth de modo dual: Bluetooth

tradicional y Bluetooth de bajo consumo BLE

Entorno de desarrollo: soporte perfecto para Arduino

Voltaje de funcionamiento: 3.3~7V

Rango de temperatura de funcionamiento: $-20 \sim 70^{\circ} \text{C}$
Sensibilidad del receptor: $-139\text{dbm}(\text{Sf}12,125\text{KHz})$
Modo de soporte: WIFI Bluetooth LORA

V3 LoRa Board

Parameters:

Hoofdfrequentie: 240MHz

FLASH: 8Mbyte

Bewerker: xtensa32-beetje LX7 bewerker met twee kernen

Hoofdbesturingschip: ESP32-S3FN8

LoRa-chip: SX1262

Diepe slaap: $<10 \text{ pA}$

USB naar interfacechip: Cp2102

Open communicatie afstand: 2.8KM

Dual-mode Bluetooth: traditionele Bluetooth en BLE low-power Bluetooth

Ontwikkelomgeving: perfecte ondersteuning voor Arduino

Bedrijfsspanning: $3,3 \sim 7\text{V}$

Bedrijfstemperatuurbereik: $-20 \sim 70^{\circ} \text{C}$

Ontvangersgevoeligheid: $-139\text{dbm}(\text{Sf}12,125\text{KHz})$

Steunwijze: WIFI Bluetooth LORA

FCC Warning:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.