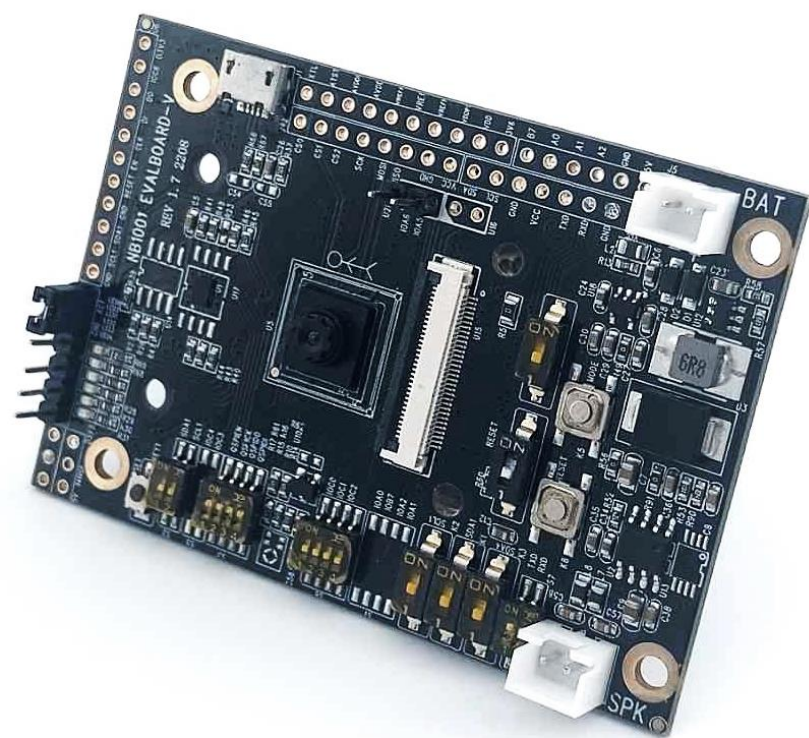




Overview:

AiyeCam Talpa-DB, the development board designed for the AiyeCam Talpa Series.

Features:

- Access pins via 2.54mm header
- Micro-USB B connector for development
- Image output port.

AiyeCam Talpa - DB

Development Board for AiyeCam-Talpa Series

Brief Introduction

Applications

- AIoT/IoT Devices
- Smart Toys
- Machine Vision
- ...



Currently Supported AI Models (updated in Sept. 2024)

- Human Detection
- Face Detection
- Gesture Detection
- Posture Detection
- ...



For other AI models or customizatoin, please feel free to [contact](#) us.

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General Specifications

CPU

- NB1001@96Mhz
- 228KB SRAM

Peripheral Interfaces

- I2C x1, 400MHz
- SPI x1
- UART x1
- PWM Channel x8
- I2S x1
- 3.3V GPIO x 21

Embedded Camera

- 320x320 Resolution
- Grayscale Image Sensor
- 54°HFOV, 52°VFOV

Software Feature

- FreeRTOS
- Programming in C language

Hardware Feature

- FPC Image Output Port
- Micro USB Connector for programming
- Access pins via 2.54mm header

Environmental

- 0°C-70°C Operating Temperature
- -50°C-150°C Storage Temperature



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