



Order Code : 20213544.1

Name : ISDN Trainer



Specifications:

Hexagon DSP v56 core up to 850MHz, 768KB L2 cache, MEMORY 16GB eMMC + 2GB LPDDR3(default), 32GB eMMC + 4GB LPDDR 3 (optional), Operating System Android OS 7.1

Power Supply

- DC power supply : 4.75V~6.0V (typical: 5.0V)
- VBAT : 3.55V~4.4V (typical: 3.8V)

LCM Interfaces

- Two 5-inch 1280 × 720 HD resolution LCD

Touch Panel Interfaces

- One capacitive touch panel

Camera Interfaces

- Rear camera supports 16M pixels
- Front camera supports 8M pixels

USB Interface

- USB type-C interface, Compliant with USB 3.0 and 2.0 specifications, with transmission rates up to 5Gbps on USB 3.0 and 480Mbps on USB 2.0, Support USB OTG, Used for data transmission, software debugging and firmware upgrade.

Audio Interfaces

- Analog Input: 3 groups of analog microphone inputs, integrating internal bias voltage
- One headset input
- One ECM-type microphone input
- One MEMS-type microphone input
- Analog Output : 3 groups of analog audio outputs, including
- One stereo headset output
- One mono earphone differential output

(U)SIM Interfaces

- Support USIM/SIM cards: 1.8V and 2.95V, Support dual SIM dual standb

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.

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UART Interfaces

- Main UART for data transmission and AT command communication Debug UART for debugging

SD Card Interface

- Support 4-bit SD card with hot-plug detection, MIPI+SPI/I2S Interface Reserved

Antenna Interfaces

- main antenna
- Rx-diversity/MIMO antenna
- GNSS antenna
- Wi-Fi/BT antenna

Flashlights

- Support 2 flashlight LEDs for testing the module's flashlight interfaces

Sensors

- Support three sensors including ALS/PS, accelerometer/gyroscope and compass

Vibrator

- A vibrator for testing the motor drive interface of the module

Switches and Buttons

- 4 switches including two power supply switches ,one emergency, download switch and one USB switch; 4 buttons including RESET (reserved), PWRKEY, VOL_UP and VOL_DOWN;

Status Indication LEDs

- 3 LEDs are available for signal indication

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