

ZX10G2 Block Diagram

Display

AUO LCM G101UAN02.0
10.1 WUXGA Color TFT-LCD
with LED Backlight design

MIPI_DSI
I2C

RF

Touch EETI EXC81H60
WLAN/Bluetooth Qualcomm WCN6856
GPS SDR735G
NFC NXP-PN7160

PCIe#0 (x1 lane)
Slimbus
UART
Qlink#0
I2C

Camera

Rear camera with LED flash
Barcode reader Zebra SE4100
Front facing camera

MIPI_CSI#0
MIPI_CSI#1
MIPI_CSI#2

Sensor

P-Sensor: Semtech-SX9324
Digital Compass: AKM-AK09918C
Ambient light: Capella-CM32181EA3OP
Accelerator+Gyro: InvenSense-ICM-40608

I2C
I2C
I2C
I2C

Audio

Smart Amp Speaker*2 **Audio Amplifier** WSA8830*2
3.5mm PHONE JACK **Audio codec** WCD9375

Soundwire
Soundwire

Qualcomm
QCS6490

Memory LPDDR5: 8GB Samsung K3LKCKC0BM-MGCP
Storage UFS: 256GB Hynix HN8T15DEHKX075
Storage UFS: 128GB Samsung KLUDG4UHGC-B0E1

Memory Storage

microSDXC **Micro Controller** ITE-IT5571

CLK Gen PMK7325-1 **PMIC PM7325** **PMIC PM7350C** X502 76.8MHz

Vibrator **PMIC PM7250B** **Charger** TI BQ24195

VBATT **VBUS** **Charge/Discharge** **BATT A** **BATT B**

USBIN **VBUS** **USB-C Connector**

SBU1,2 **CC1,CC2** **USB2.0#0** **USB3.0 /DISPLAYPORT** **DISPLAYPORT AUX**

USB2.0#1 **USB HUB** Genesys GL850 X2002 12MHz

Port#3 **Port#4** **Port#2** **Docking Port** **Option Bay** **Smart Card Reader** AU9560 **USB Type-A host** **VDOCK Power** 19V

USB HUB Genesys GL850 **USB-A** **USB HUB** Genesys GL850 **HDMI** Displaylink DL3500-N **USB-A**

Port#1 **Port#2** **Port#3** **Port#4** **USB-A** **LAN** ASIX AX88179 **Audio** C-Media CM108AH **Comport** Prolific PL-2303GC

Docking Side

Getac

BlockDiagram
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Friday, August 10, 2024