

# ZX10G2 Block Diagram

## Display

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

MIPI\_DSI  
I2C

## RF

WBX1  
76.8MHz

**Touch** EETI EXC81H60

PCIe#0 (x1 lane)  
Slimbus  
UART

**GPS** SDR735G

**NFC** NXP-PN7160

Qlink#0  
I2C

## Camera

**Rear camera with LED flash**

MIPI\_CSI#0

**Barcode reader**  
Zebra SE4100

MIPI\_CSI#1

**Front facing camera**

MIPI\_CSI#2

## Sensor

**P-Sensor:** Semtech-SX9324

I2C

**Digital Compass:** AKM-AK09918C

I2C

**Ambient light:** Capella-CM32181EA30P

I2C

**Accelerator+Gyro:** InvenSense-ICM-40608

I2C

## Audio

Smart Amp Speaker\*2

**Audio Amplifier**  
WSA8830\*2

Soundwire

3.5mm PHONE JACK

**Audio codec**  
WCD9375

Soundwire

**Qualcomm**  
**QCS6490**

**Memory LPDDR5: 8GB** Samsung K3LCKC00BM-MGCP  
**Storage UFS: 256GB** Hynix HN8T15DEHKX075  
**Storage UFS: 128GB** Samsung KLUDG4UHGC-B0E1

## Memory Storage

EBIO/1  
UFS (x2 lane)  
SDC2  
I2C

**microSDXC**

**Micro Controller**  
ITE-IT5571

SPMI  
CLK Gen PMK7325-1  
PMIC PM7325  
PMIC PM7350C

**Vibrator**

**PMIC**  
PM7250B

**Charger**  
TI BQ24195

BATT  
Charge/Discharge  
BATT A  
BATT B

## Power

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

**USB-C Connector**  
1.Displayport  
2.USB  
3.PD  
4.OTG

USB2.0#1  
**USB HUB**  
Genesys GL850

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

**USB HUB**  
Genesys GL850  
**Docking Side**  
VDOCK Power  
19V  
Port#1  
Port#2  
Port#3  
Port#4  
**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

**Getac**

BlockDiagram	
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