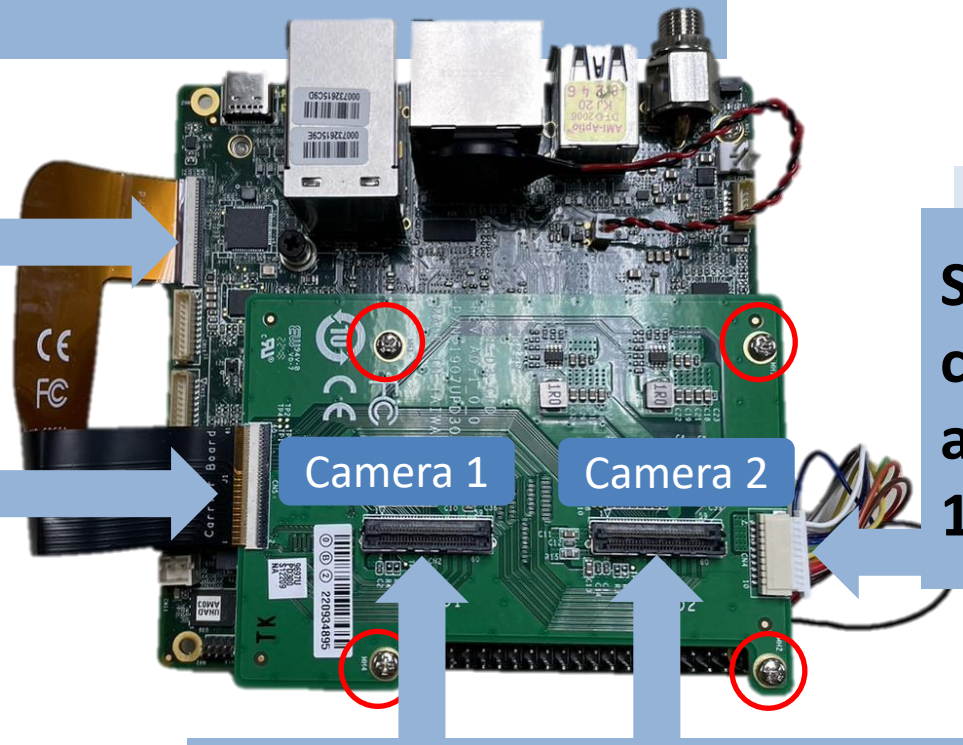
MIPICSI Camera RVP Converter Kit

Part Number: UPCR-CAMB-A10-0001

Assembly and BIOS Setup SOP

Part 1: Assembly

Step 1: Fix the RVP Converter board on top of the motherboard with screws and studs.



Step 2: Insert the power cable into Converter board and motherboard via 10pin wafer at the edge.

Step 3: Insert the FPC cable into converter board and motherboard to connect each other via FPC connector at the edge.

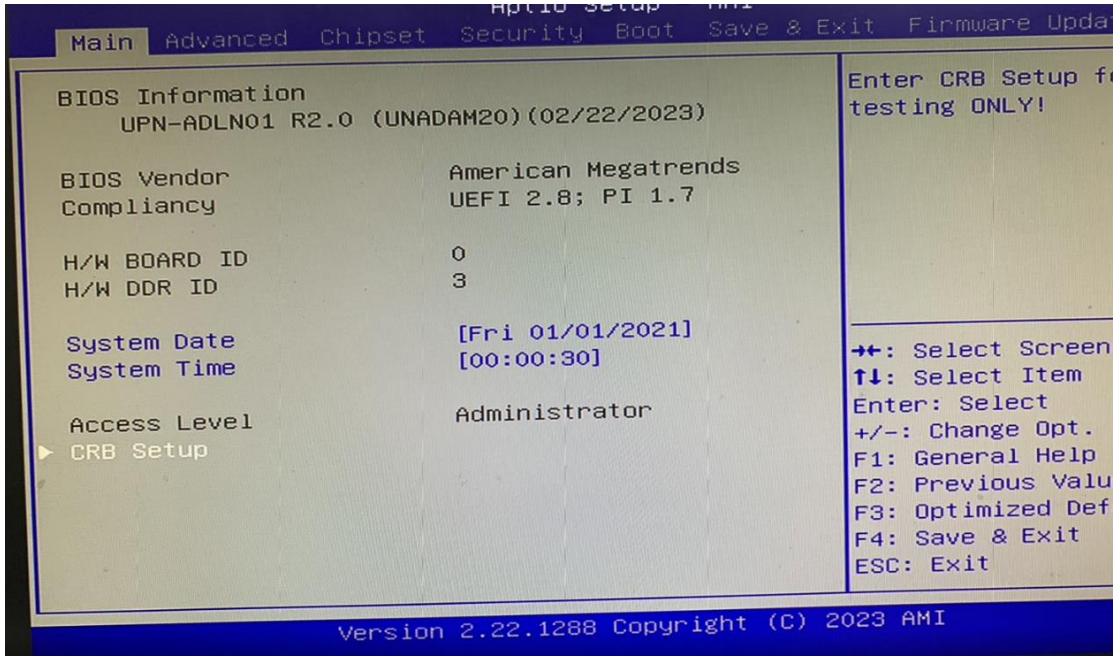
Step 4: Connect your camera module to start!

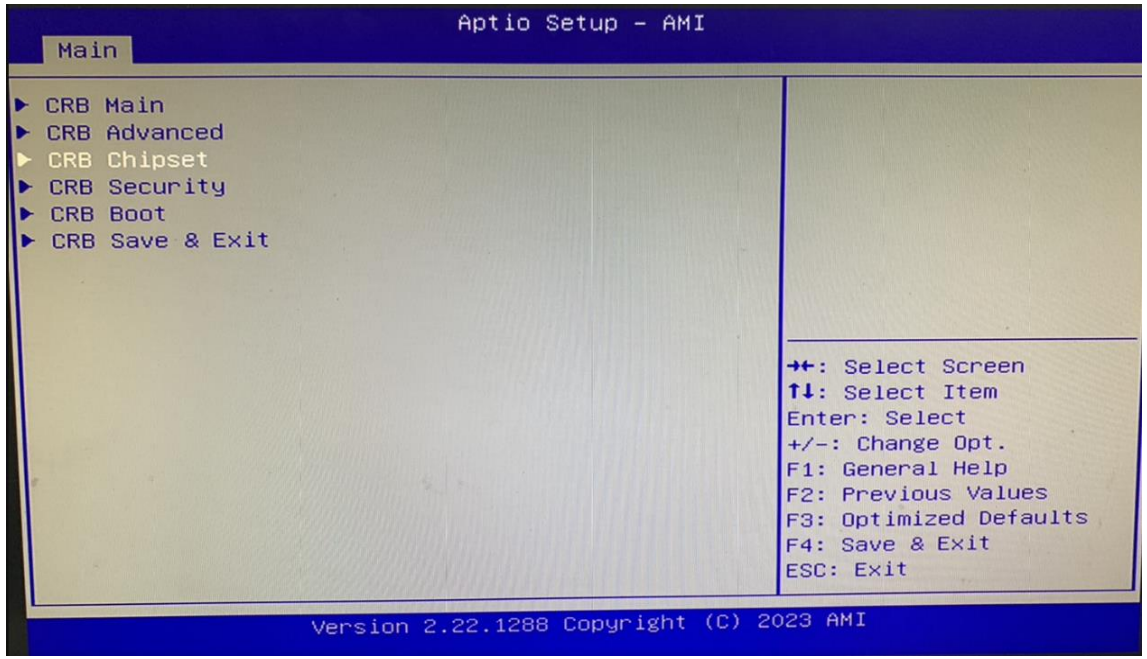
Part 2: BIOS Setup

D3CM AR0234

1. Key in BIOS password: upassw0rd

➔CRB Setup➔CRB Chipset



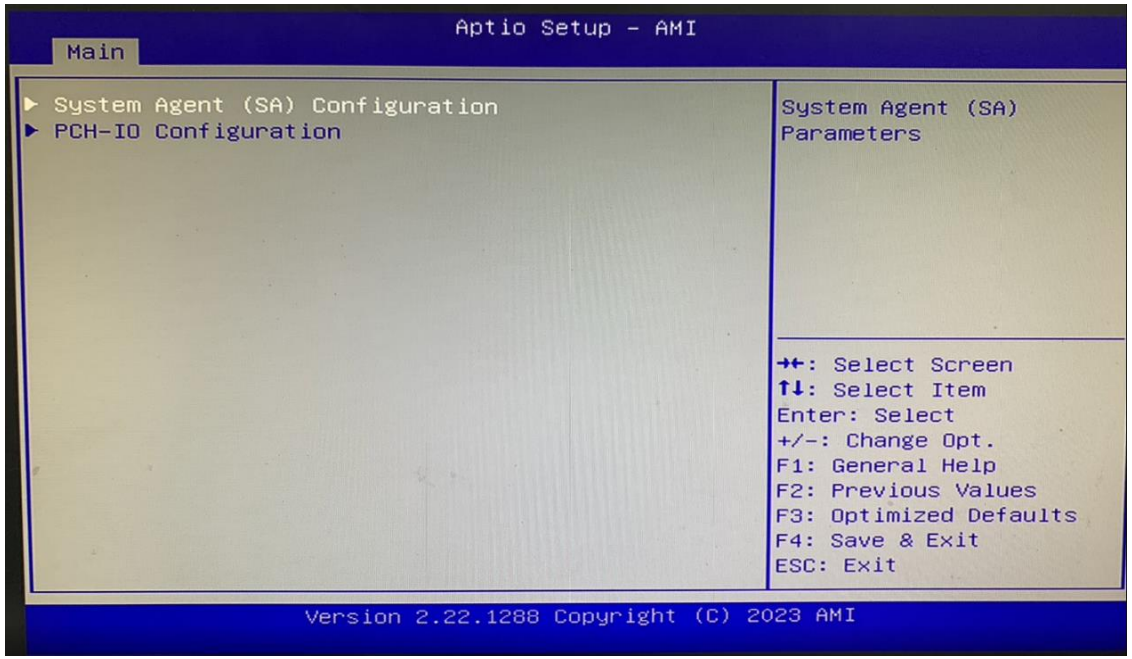


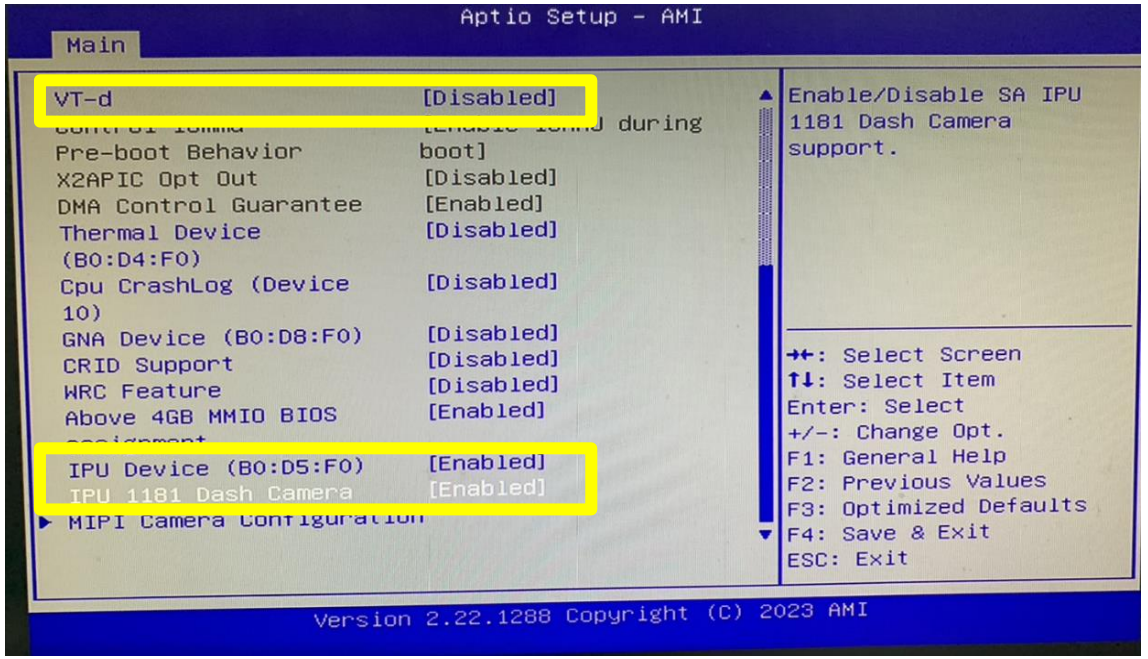
2. Enter System Agent (SA) Configuration

VT-d: Disabled

IPU Device(B0:D5:F0): Enabled

IPU 1181 Dash Camera: Enabled



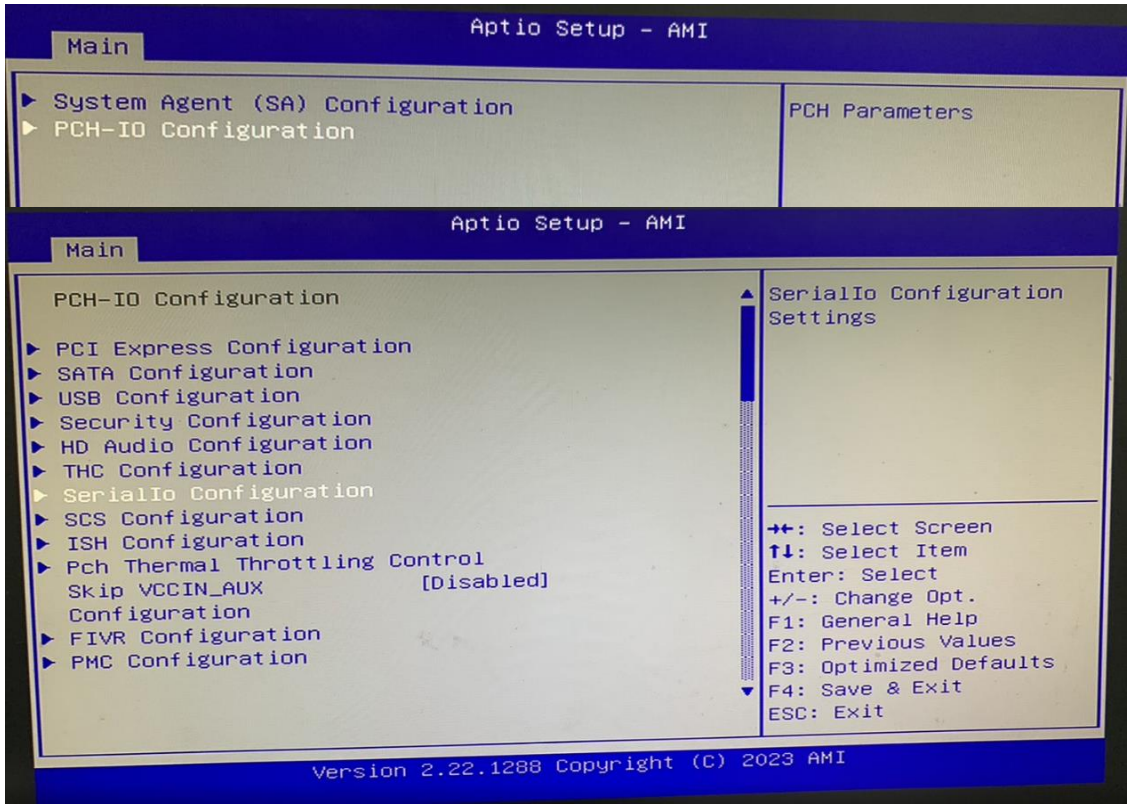


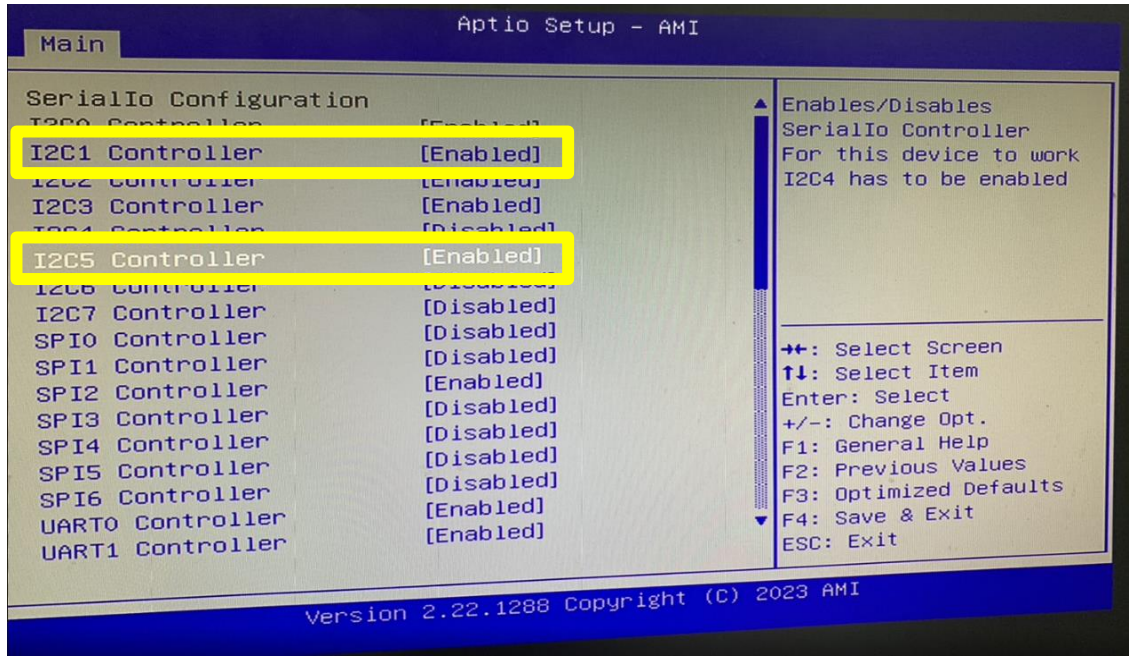
3. Back to main menu, enter PCH-IO

➔SerialIO Configuration

I2C1 Controller: Enabled

I2C5 Controller: Enabled

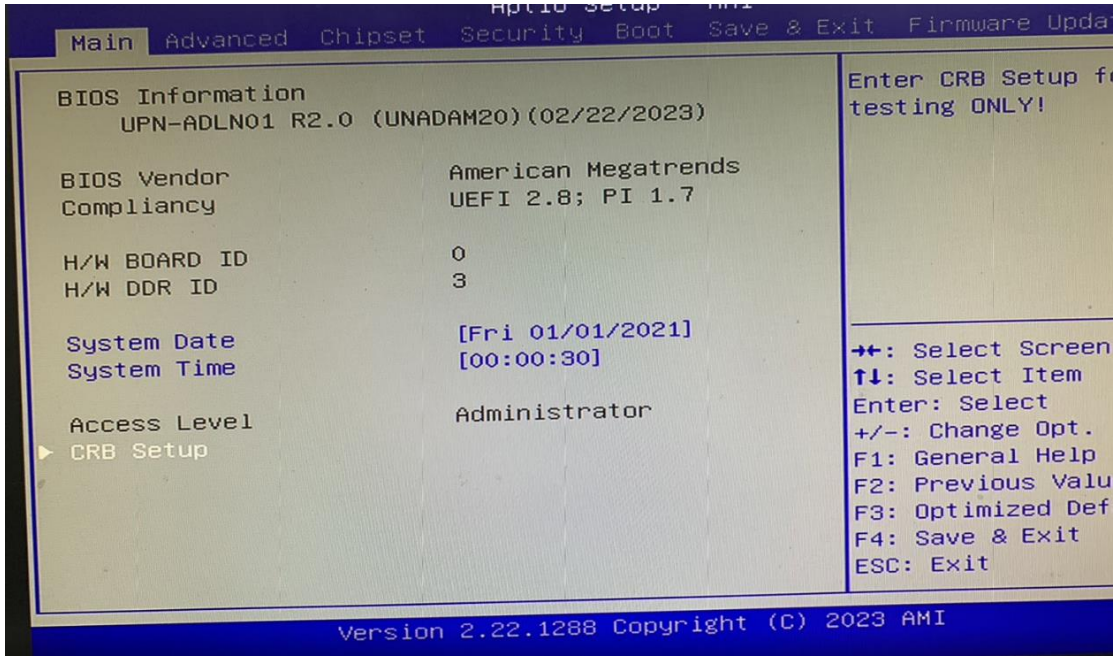


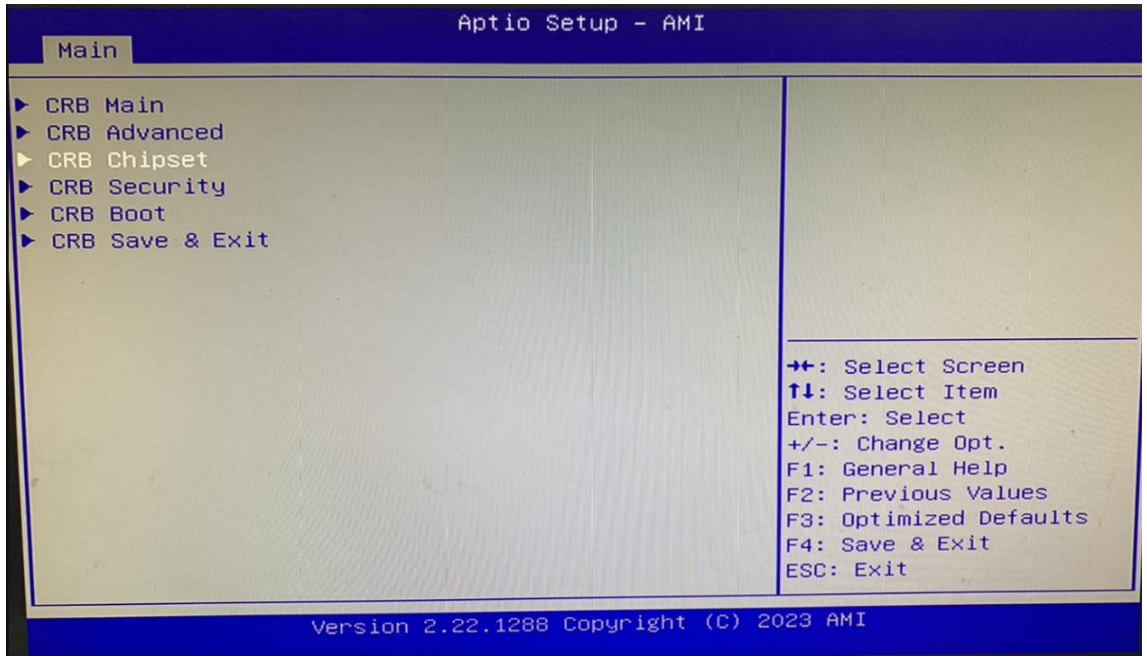


After all configuration is completed, click F4 to save and reset.

LI-IMX415-MIPI-081H

1. Key in BIOS password: upassw0rd
➔CRB Setup➔CRB Chipset



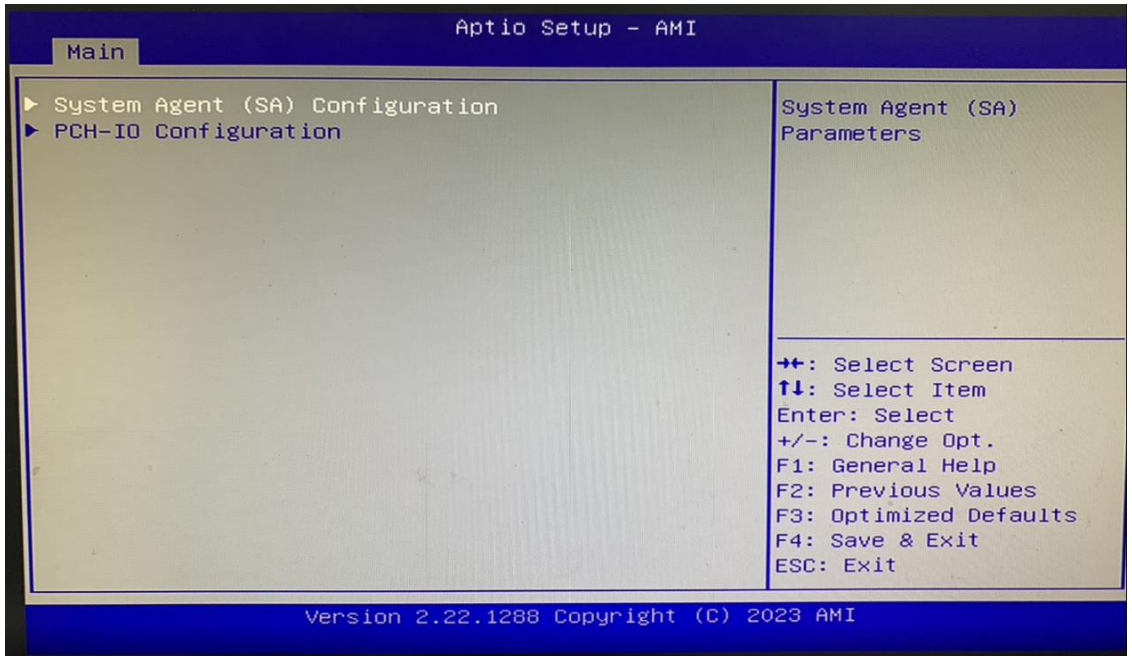


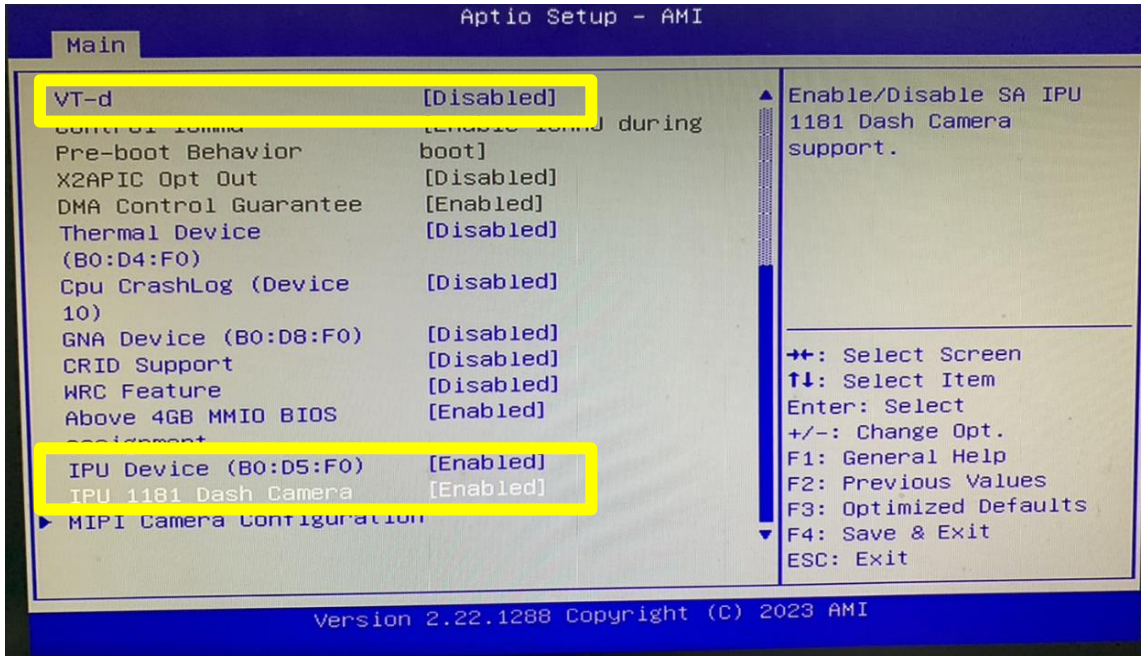
2. Enter System Agent (SA) Configuration

VT-d: Disabled

IPU Device(B0:D5:F0): Enabled

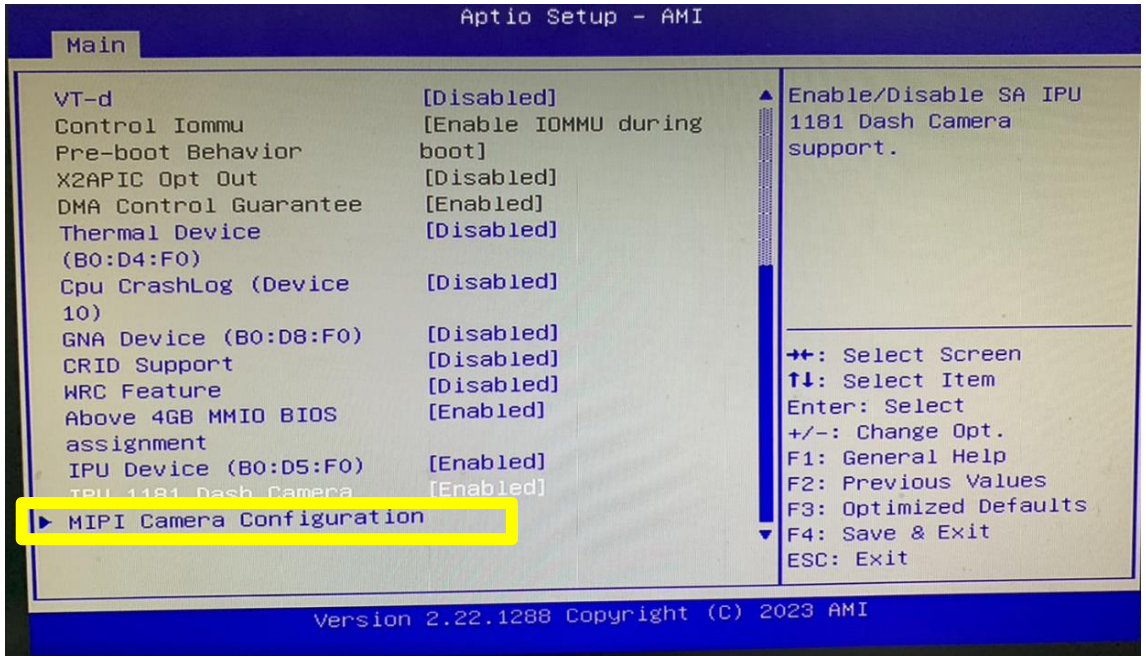
IPU 1181 Dash Camera: Enabled

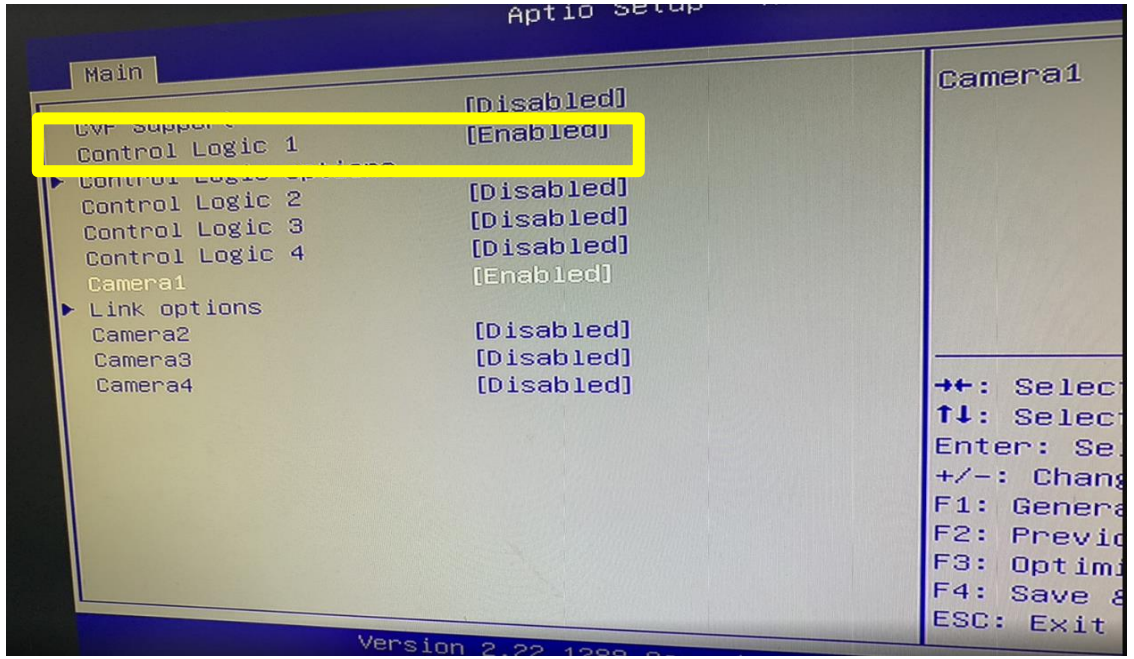




3. Enter MIPI Camera Configuration (for Camera 1)

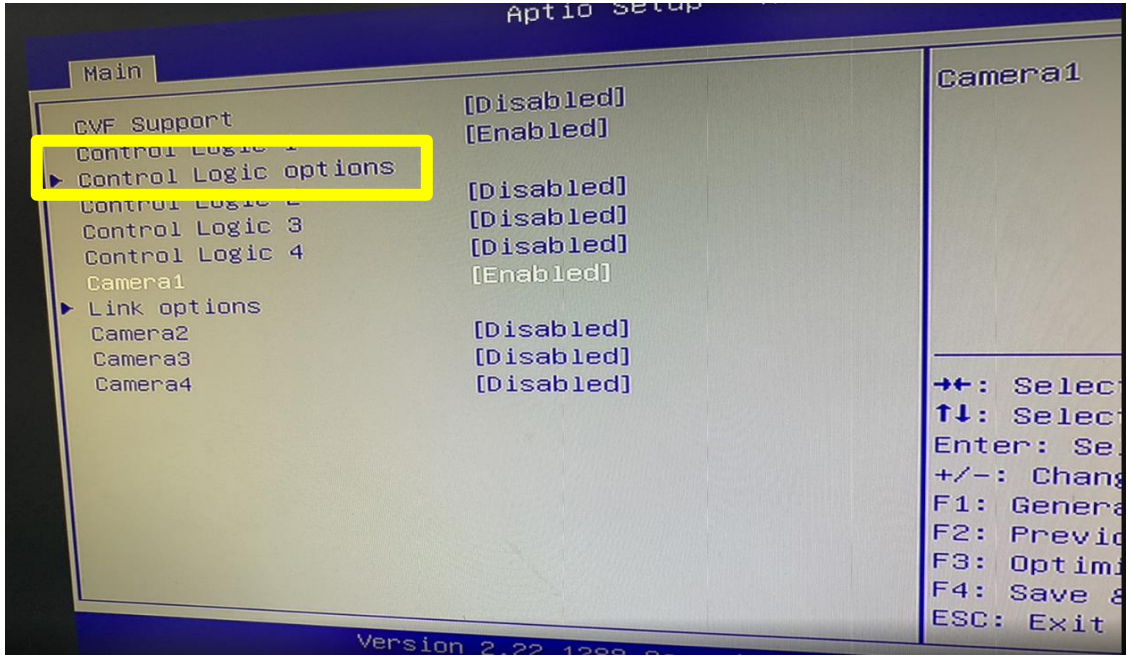
3-1 Use Camera 1➔Control Logic 1: Enabled

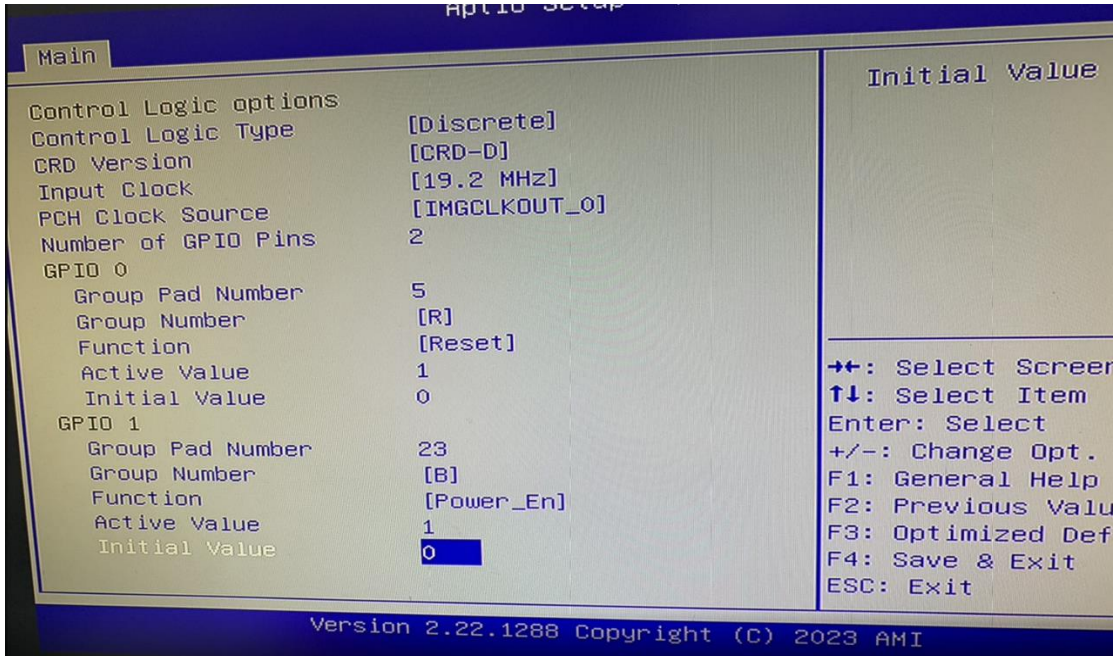




3-2 Control Logic Options

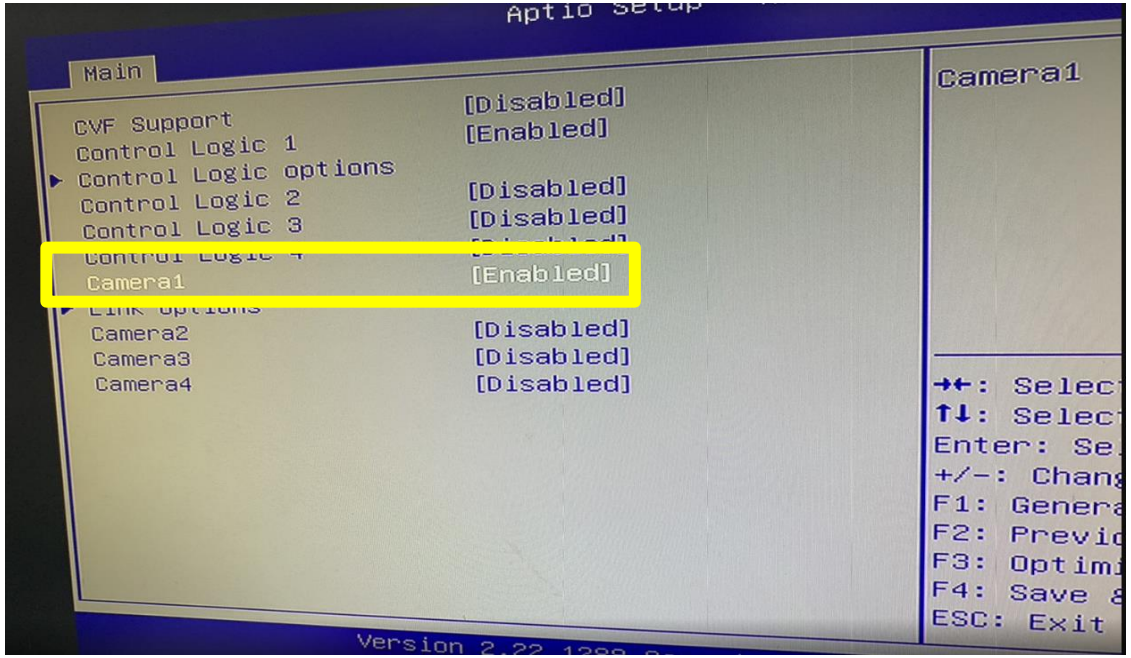
➔Follow the settings in the left picture below:

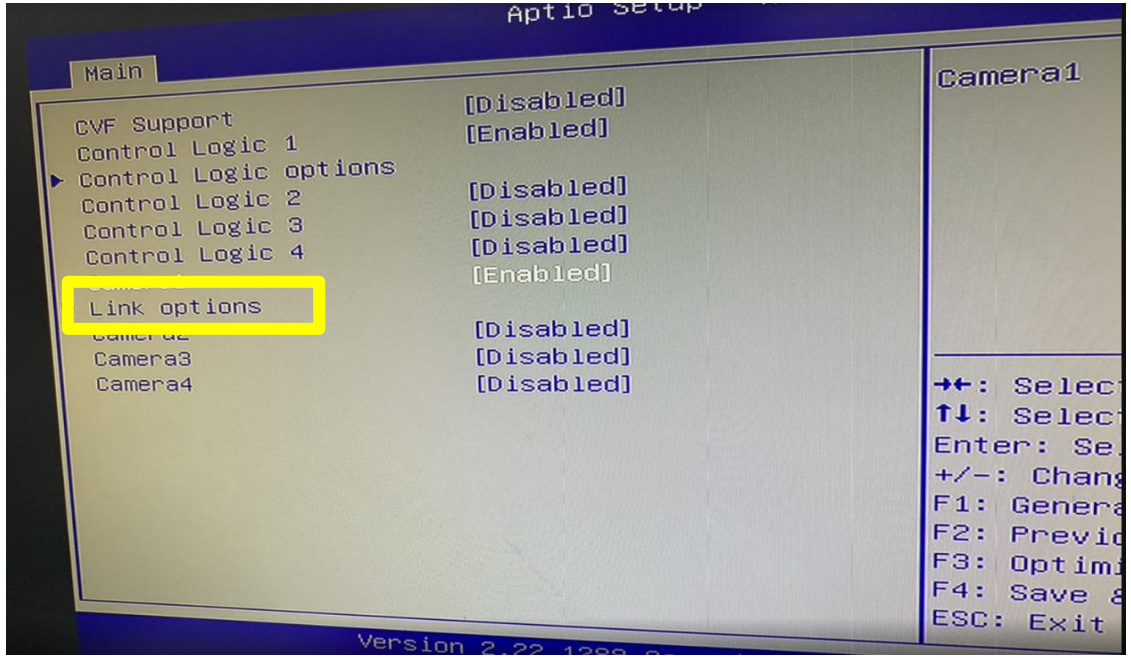




3-3 Back to main menu➔Camera 1: Enabled

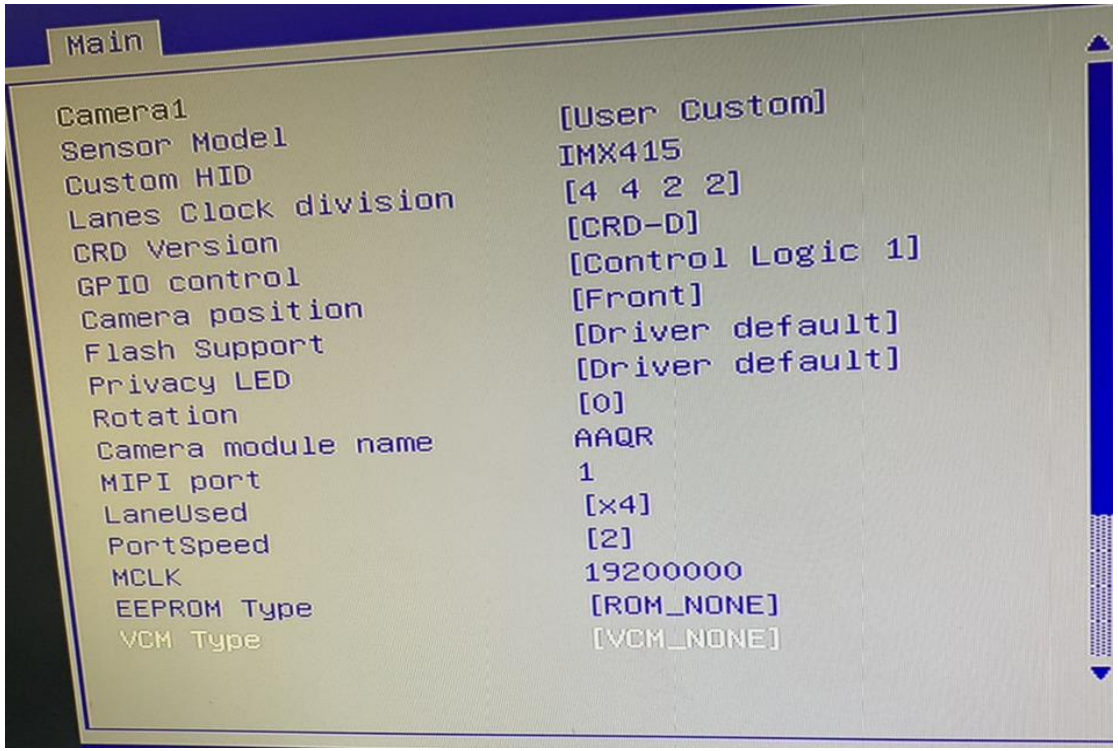
3-4 Enter Link options

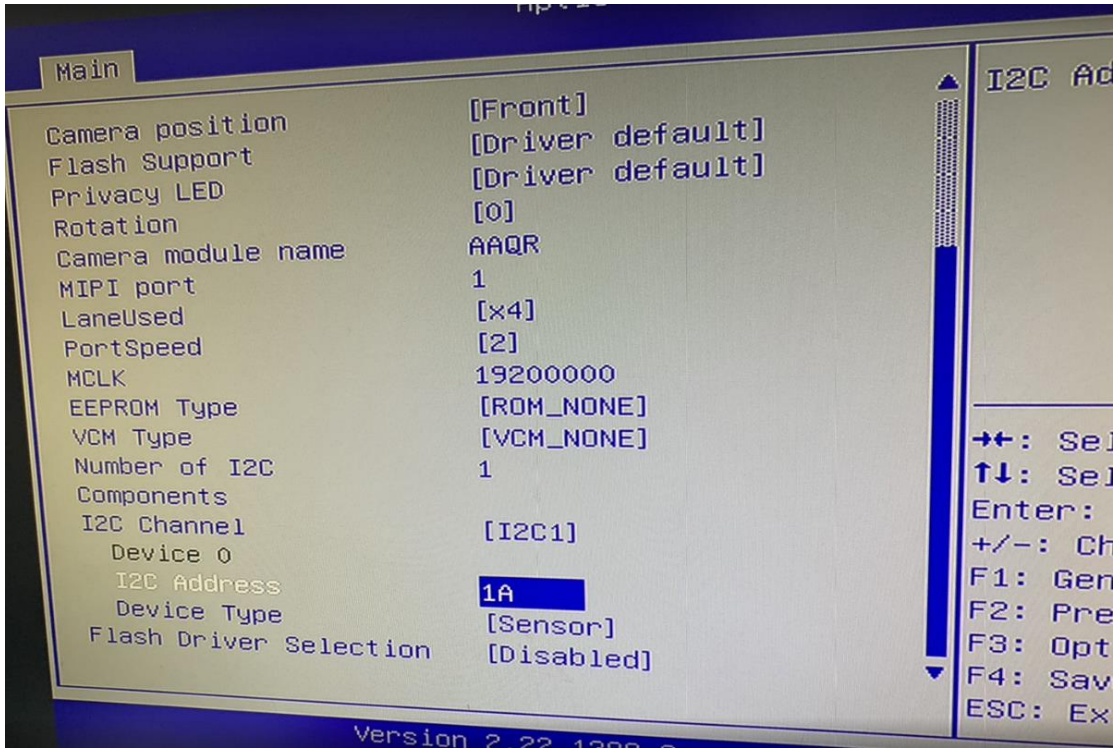




3-5 Link options

➔Follow the settings in the left picture below:



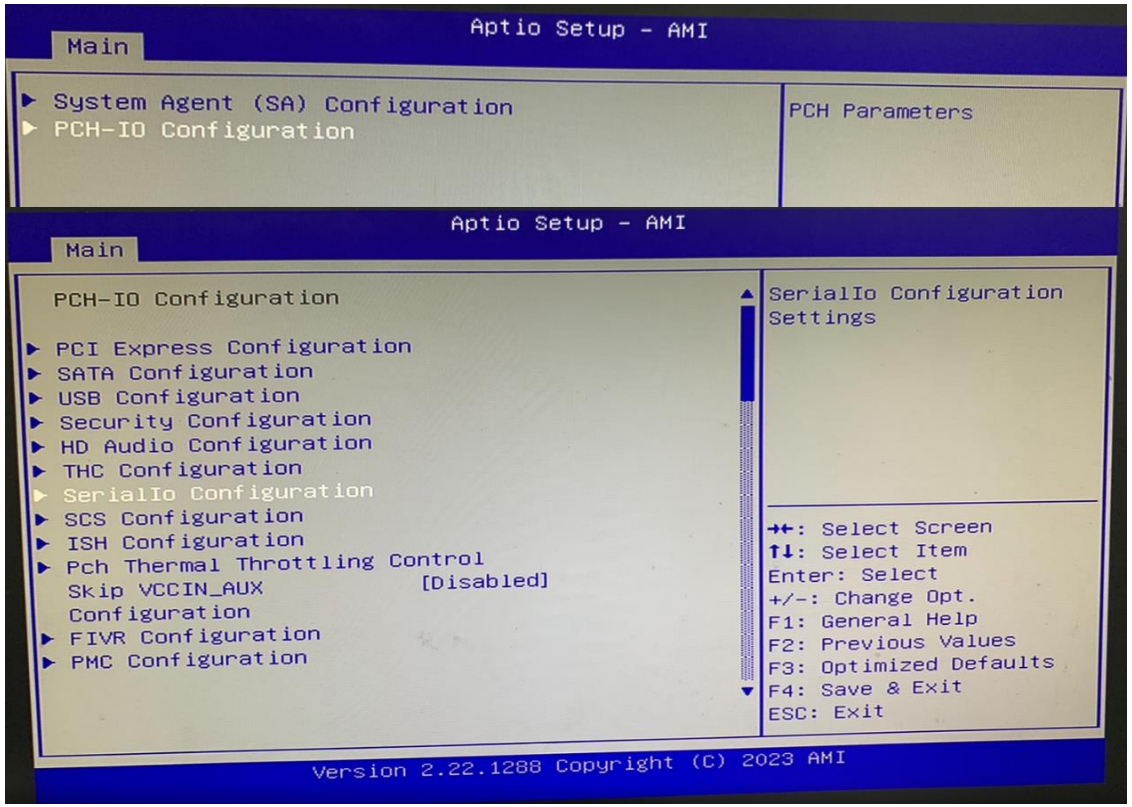


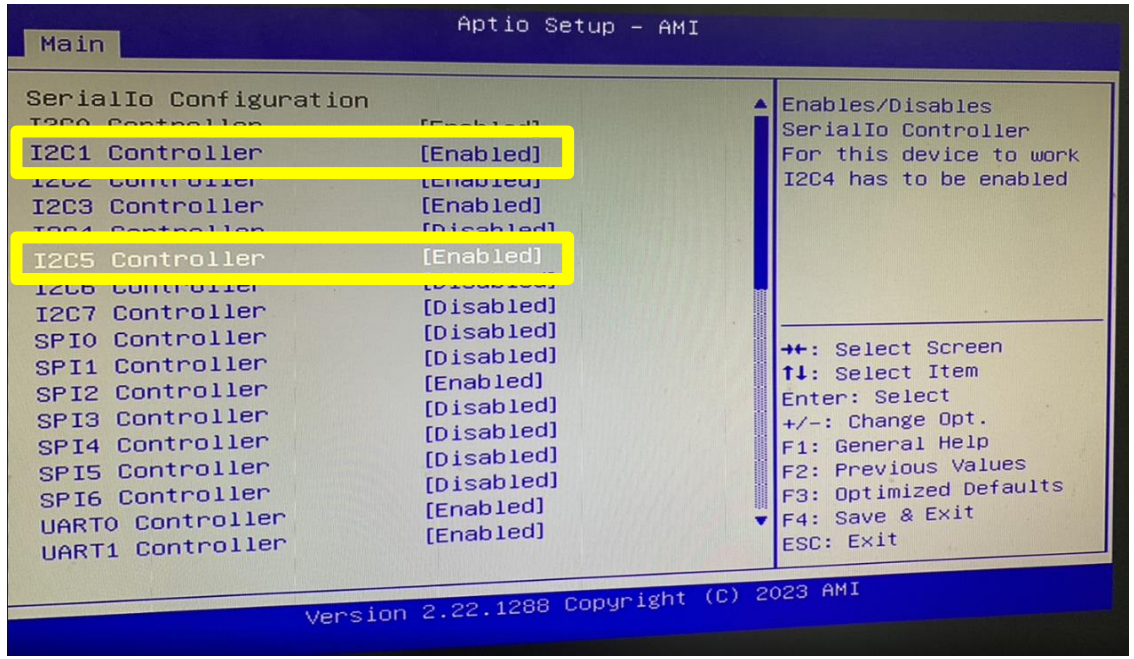
3-6 Back to main menu, enter PCH-IO

➔SerialIO Configuration

I2C1 Controller: Enabled

I2C5 Controller: Enabled

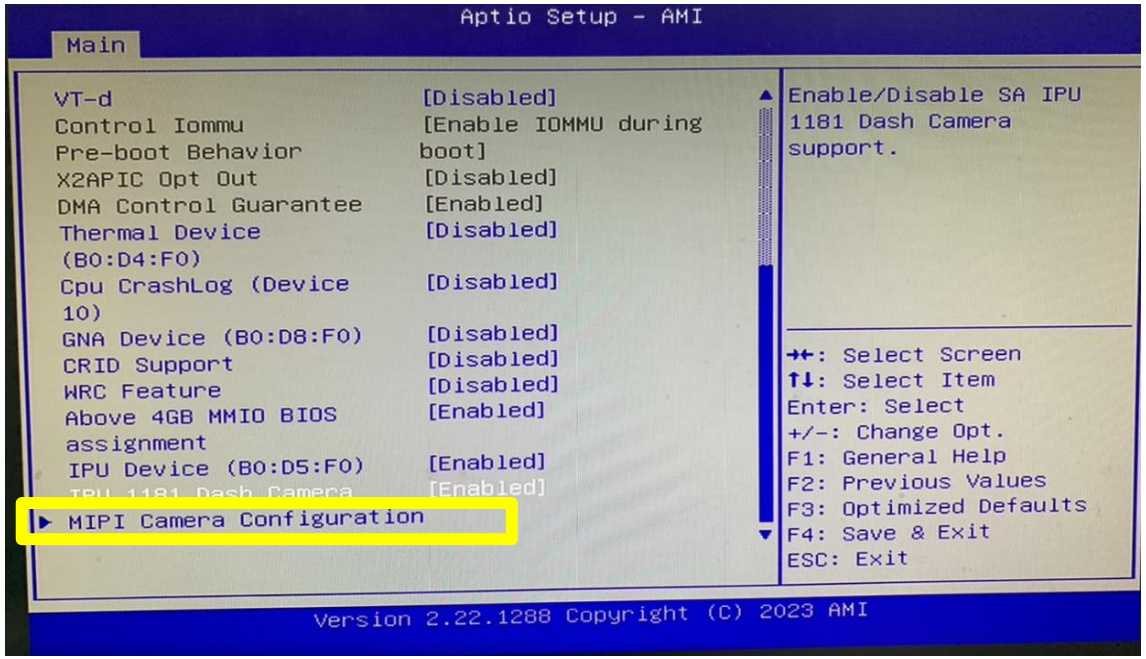


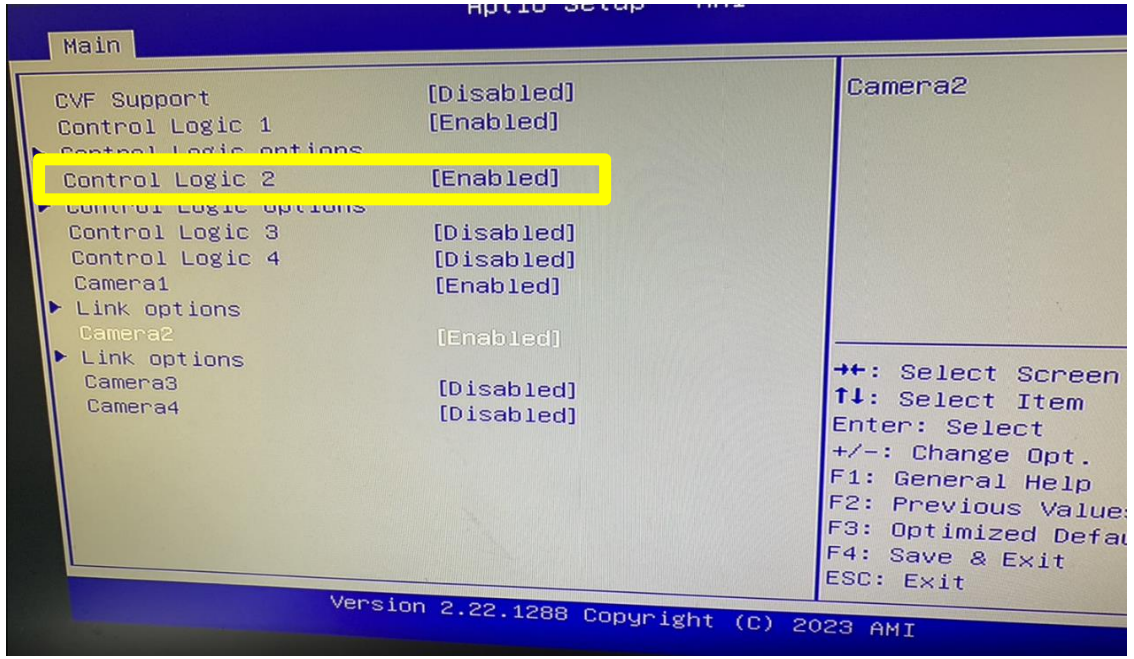


After all configuration is completed, click F4 to save and reset.

4. Enter MIPI Camera Configuration (for Camera 2)

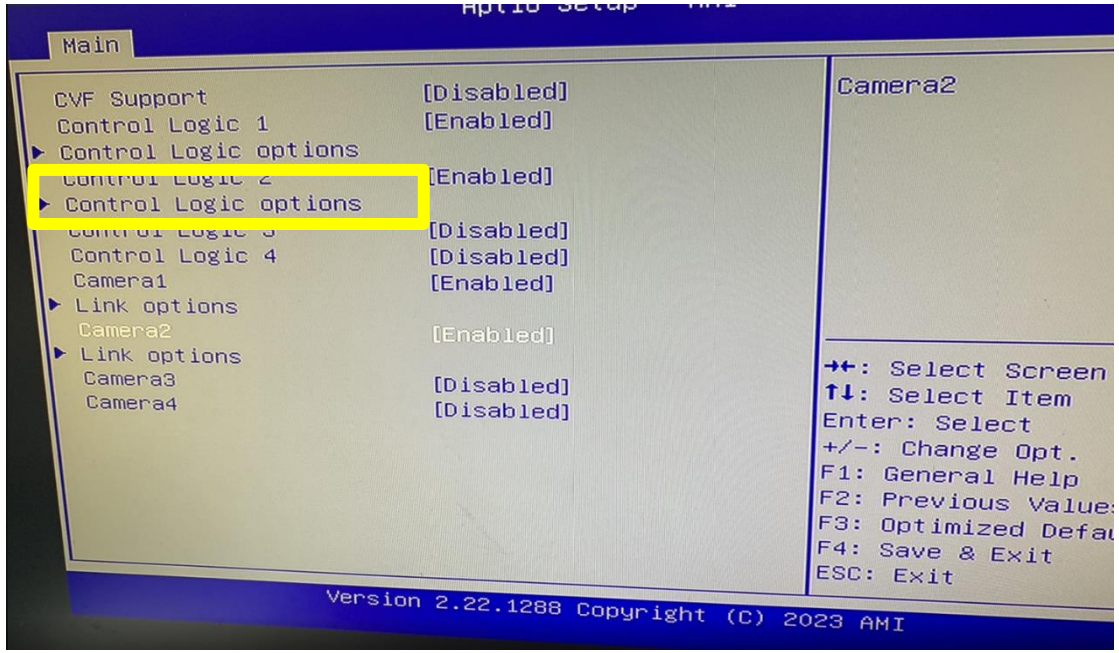
4-1 Use Camera 2➔Control Logic 2: Enabled

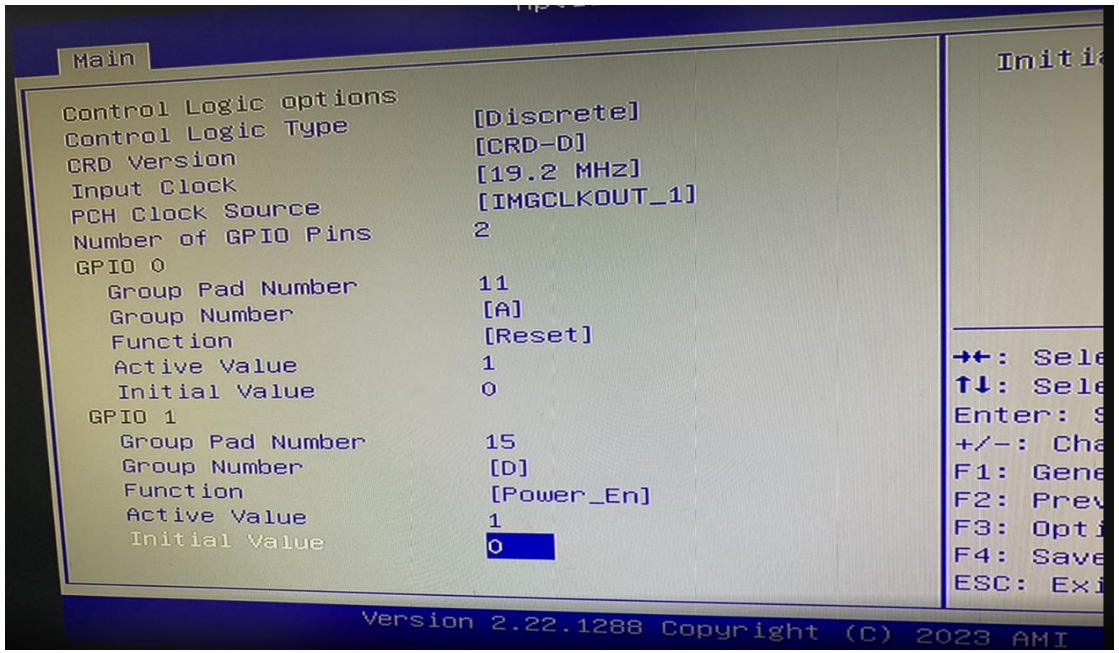




4-2 Control Logic Options

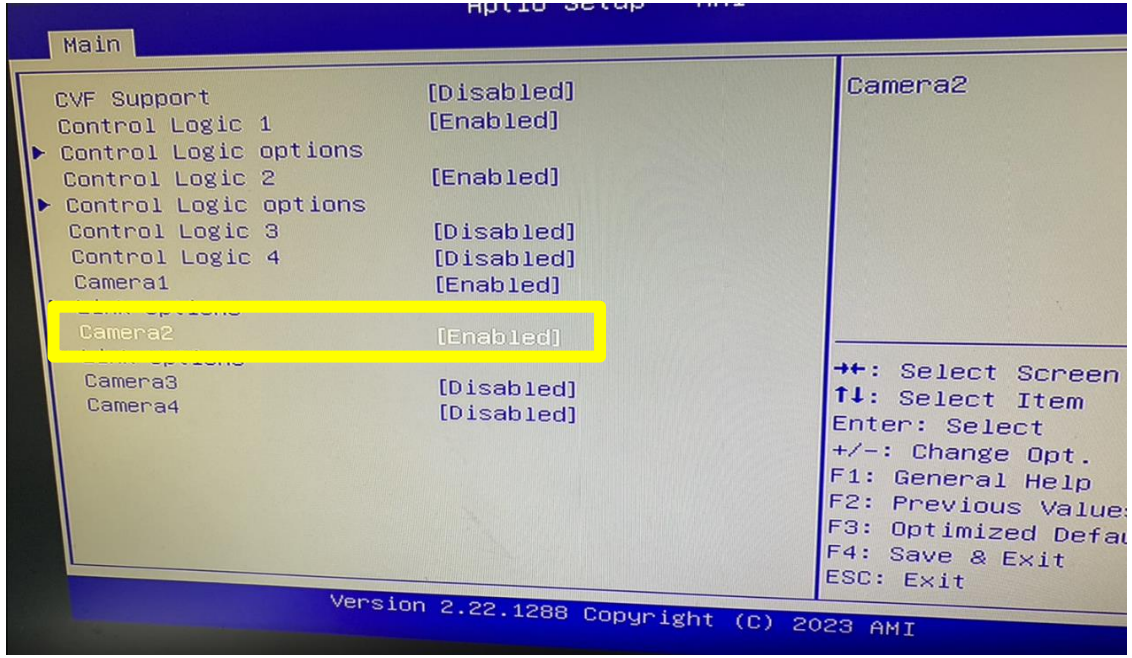
➔Follow the settings in the left picture below:

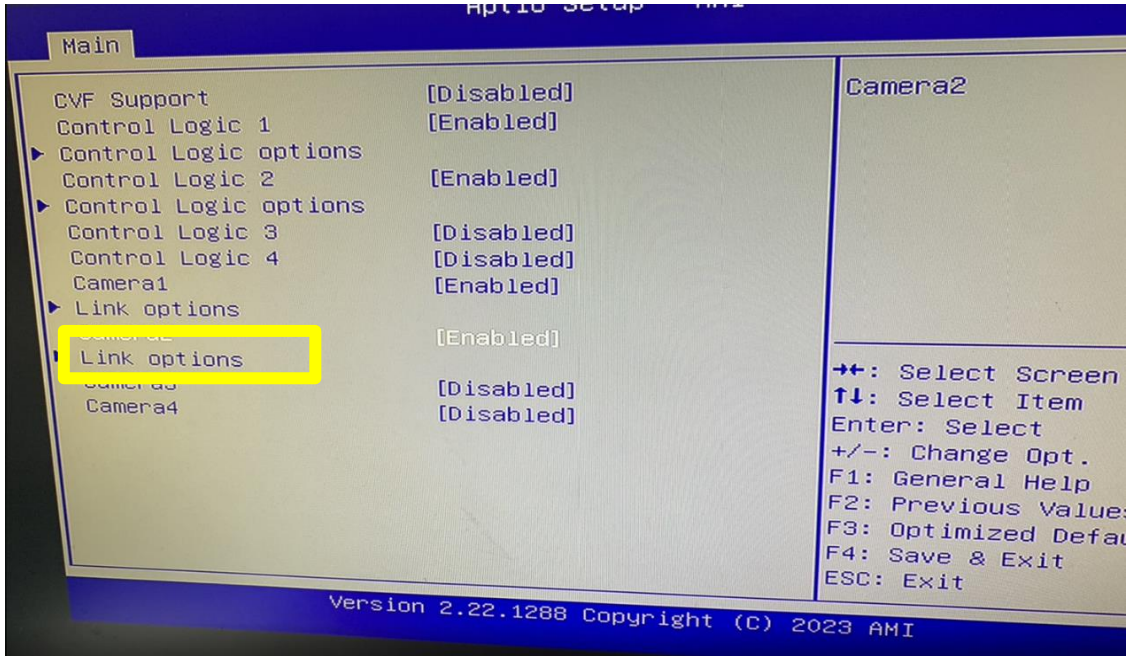




4-3 Back to main menu➔Camera 2: Enabled

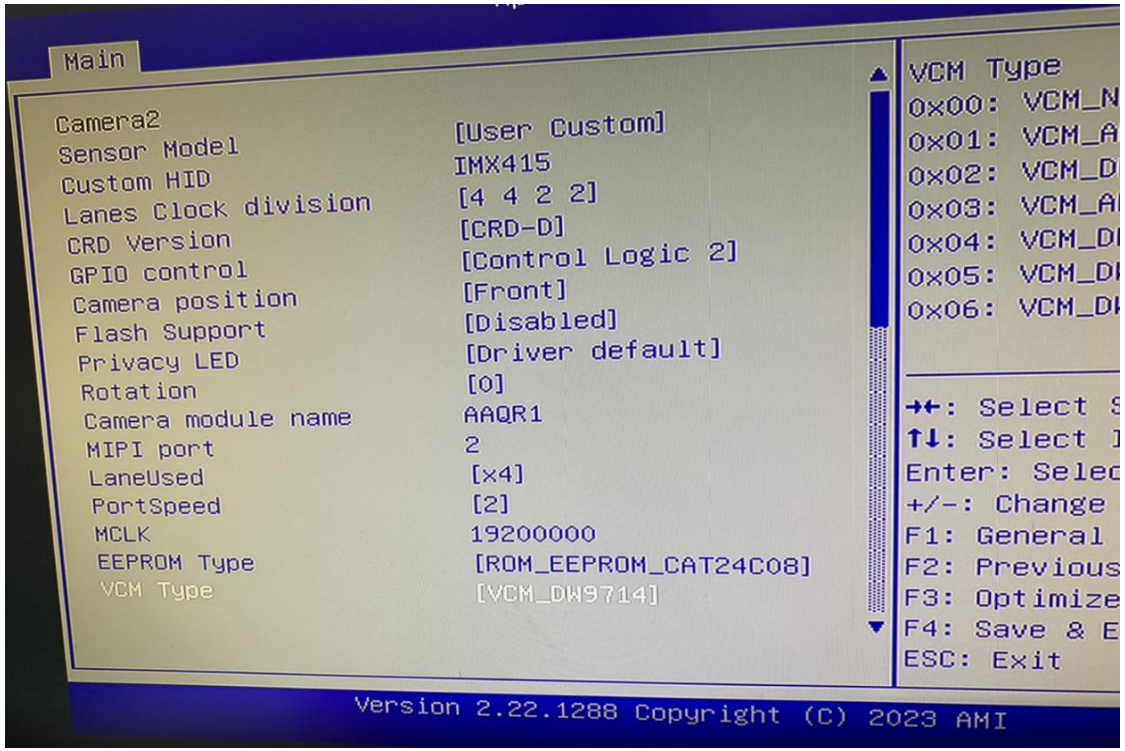
4-4 Enter Link options

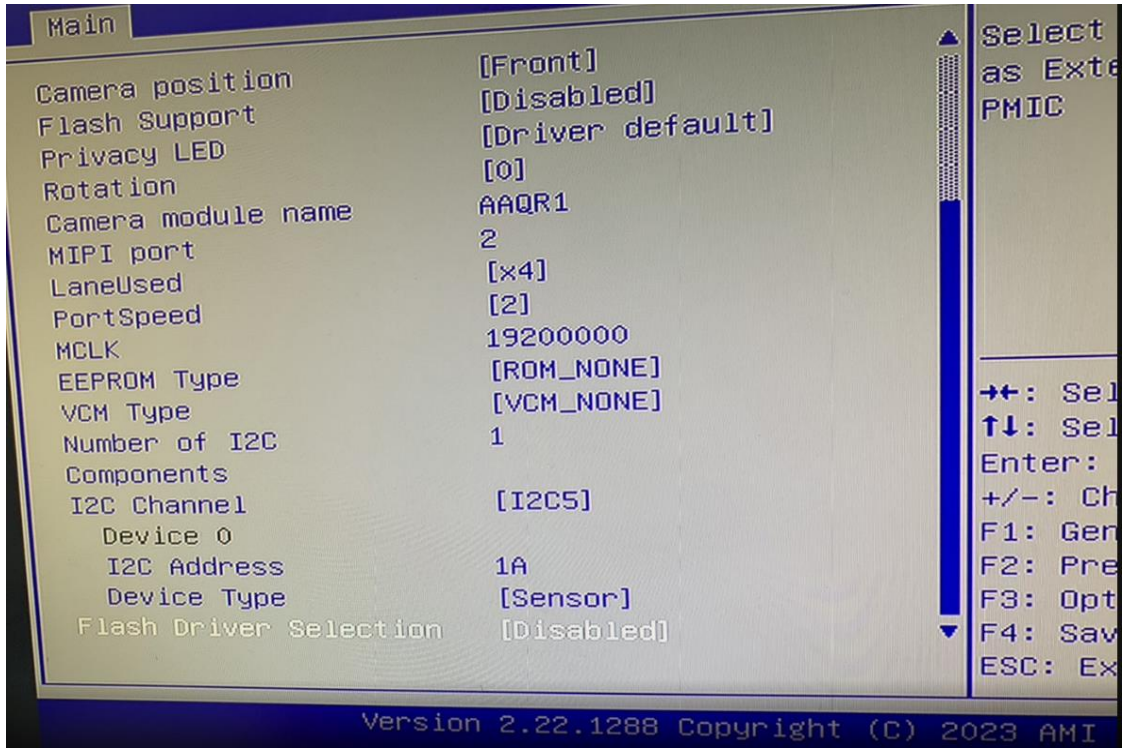




4-5 Link options

➔Follow the settings in the left picture below:



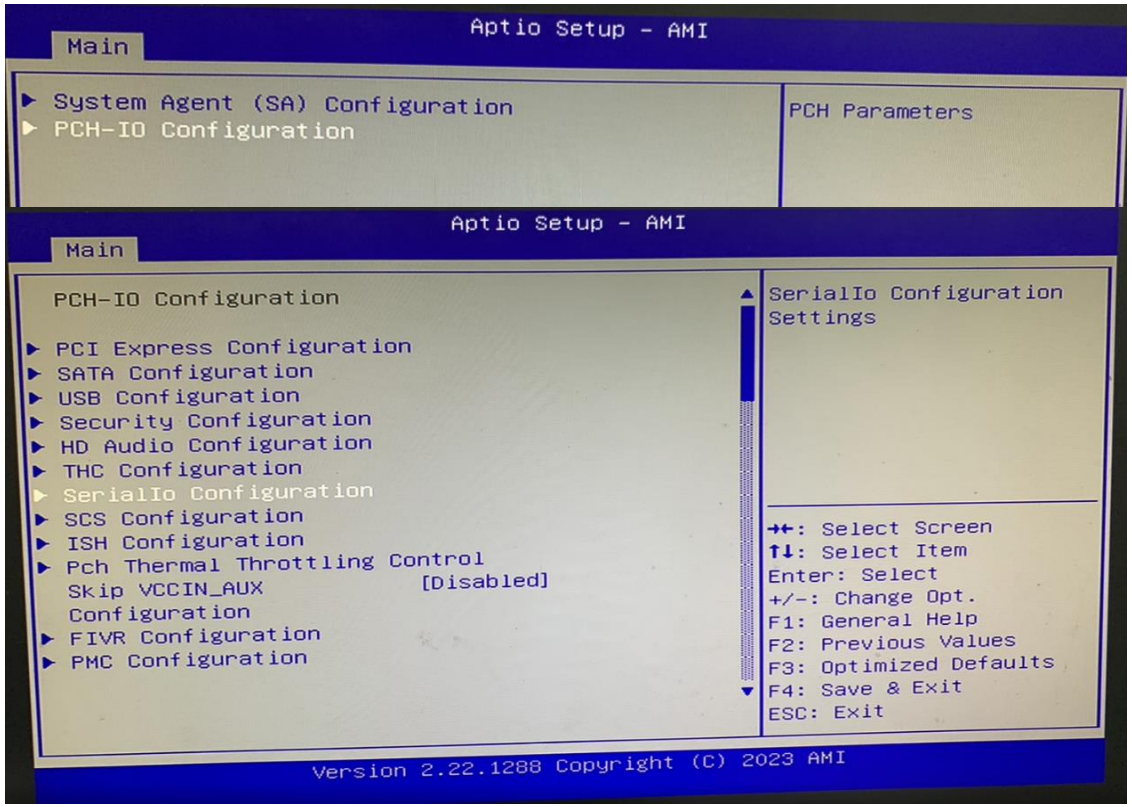


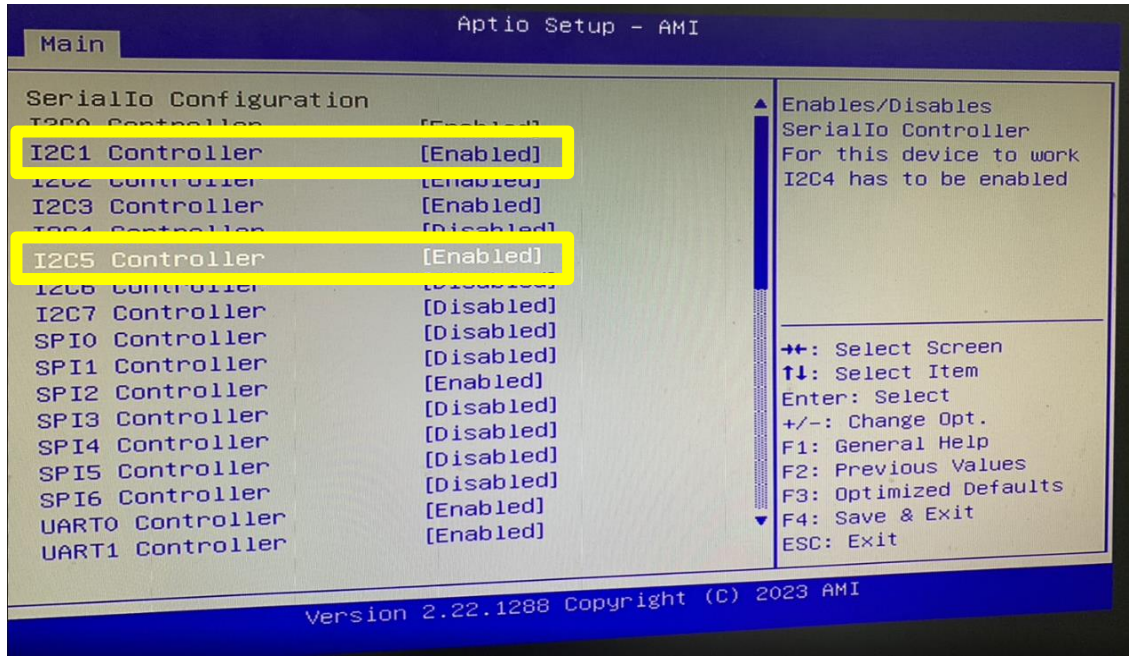
4-6 Back to main menu, enter PCH-IO

➔SerialIO Configuration

I2C1 Controller: Enabled

I2C5 Controller: Enabled





After all configuration is completed, click F4 to save and reset.

The End