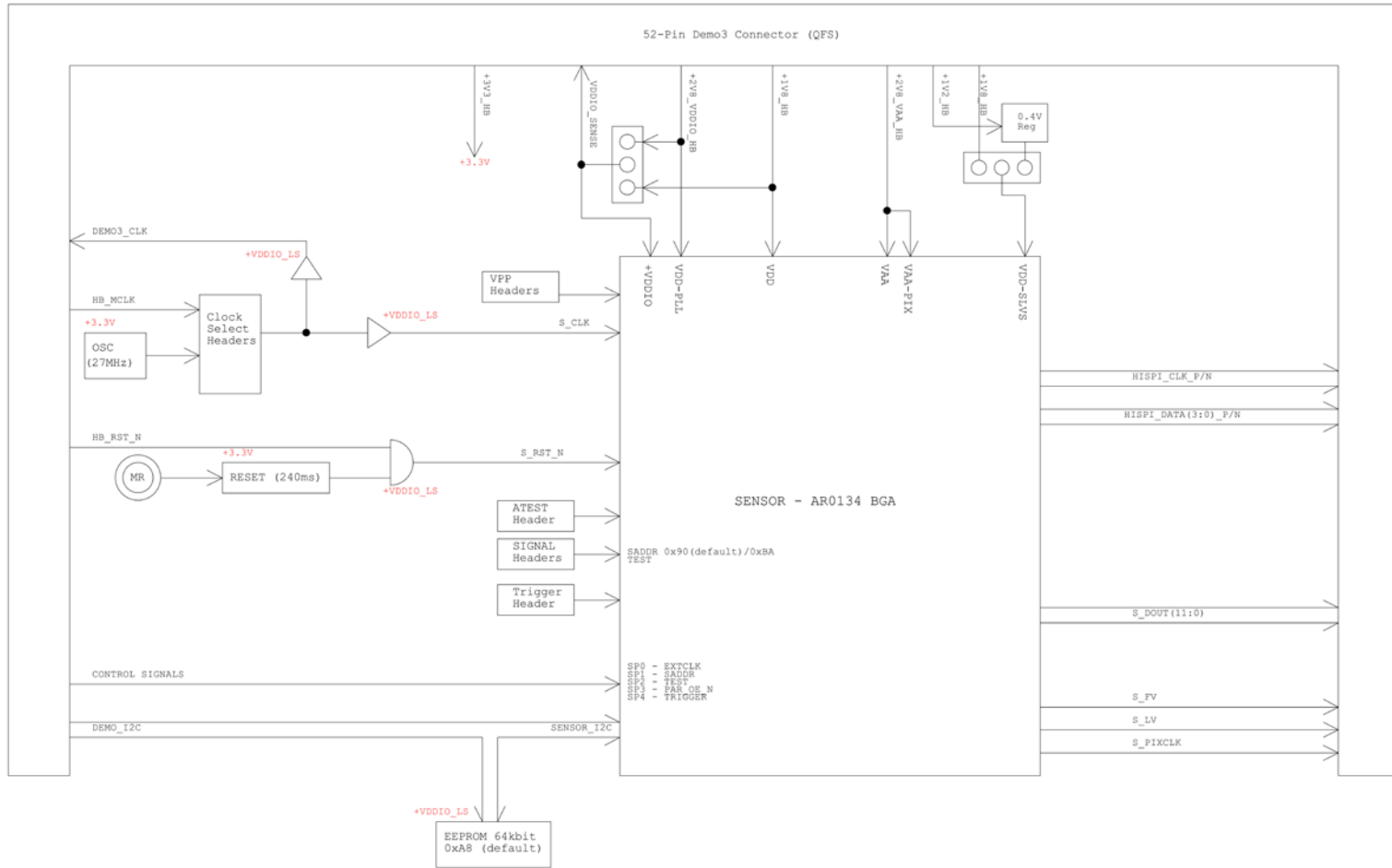
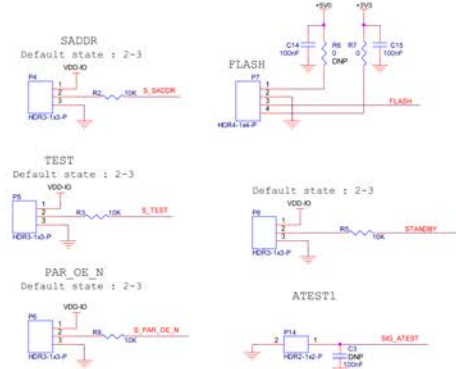
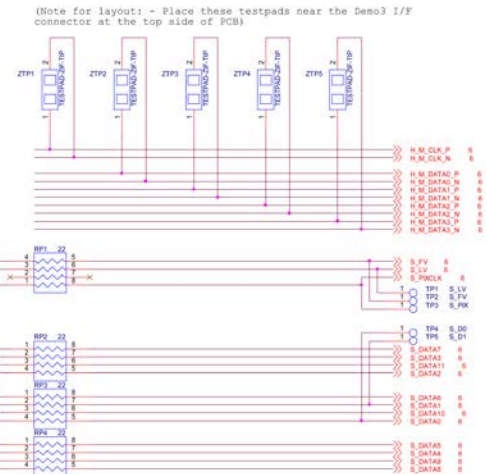
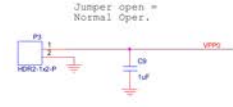
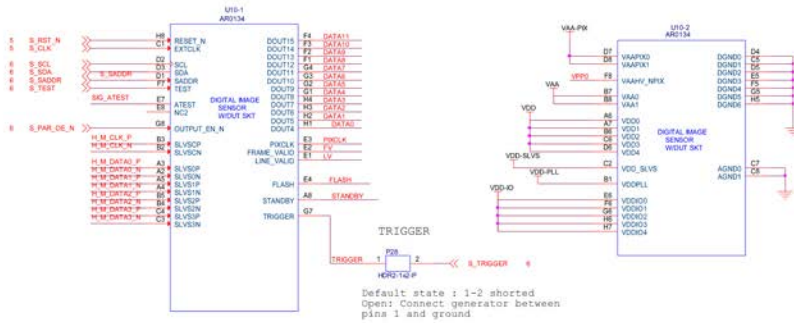


## Schematic for the AR0134CSSM25SUEAH3-GEVB Evaluation Board

# Block Diagram



# Sensor



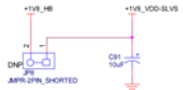
Debug Headers: Cut away the shorted trace and mount header for power debugging

# Power

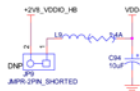
## VDD 1.8V SUPPLY



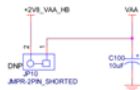
## VDD-SLVS 1.8V SUPPLY



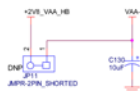
## VDD-PLL 2.8V SUPPLY



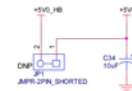
## VAA 2.8V SUPPLY



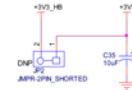
## VAA-PIX 2.8V SUPPLY



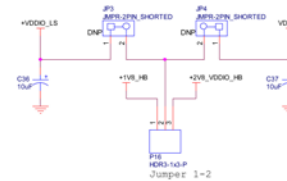
## PERIPHERAL 5V SUPPLY



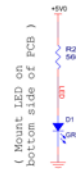
## PERIPHERAL 3.3V SUPPLY



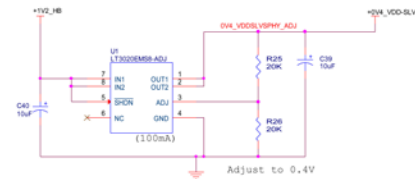
## VDDIO & VDDIO LS 1.8V/2.8V SUPPLY



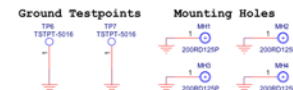
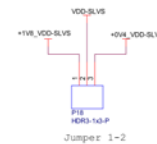
## 5V LED



## VDDSLVSPHY 0.4V SUPPLY



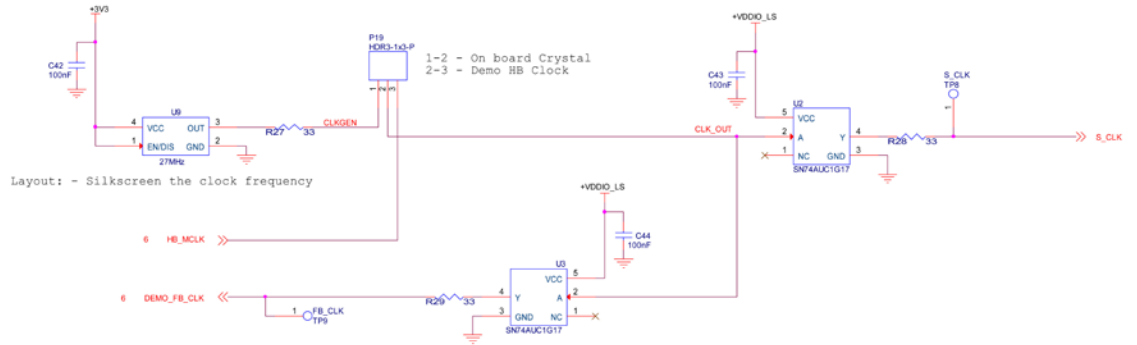
Selection of 0.4V or 1.2V/1V8 for VDDSLVSPHY supply



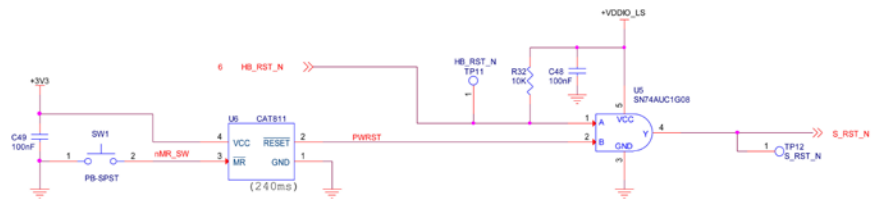
# Clock and Reset

+5V0 3,4  
 +3V0 3,4  
 +VDDIO\_LS 4,6

## CLOCK CIRCUIT

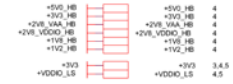


## RESET CIRCUIT

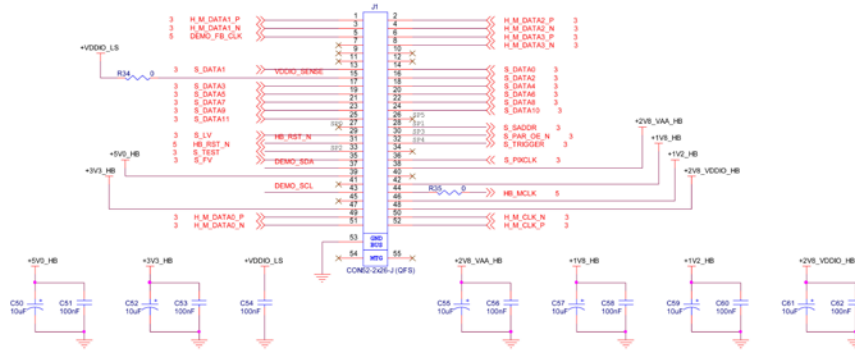




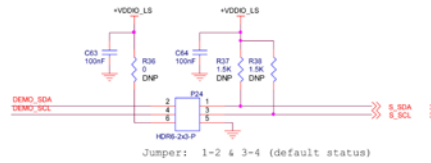
# External Interface



## DEMO3 BASEBOARD I/F



## I2C DEBUG



## LENS CORRECTION EEPROM

