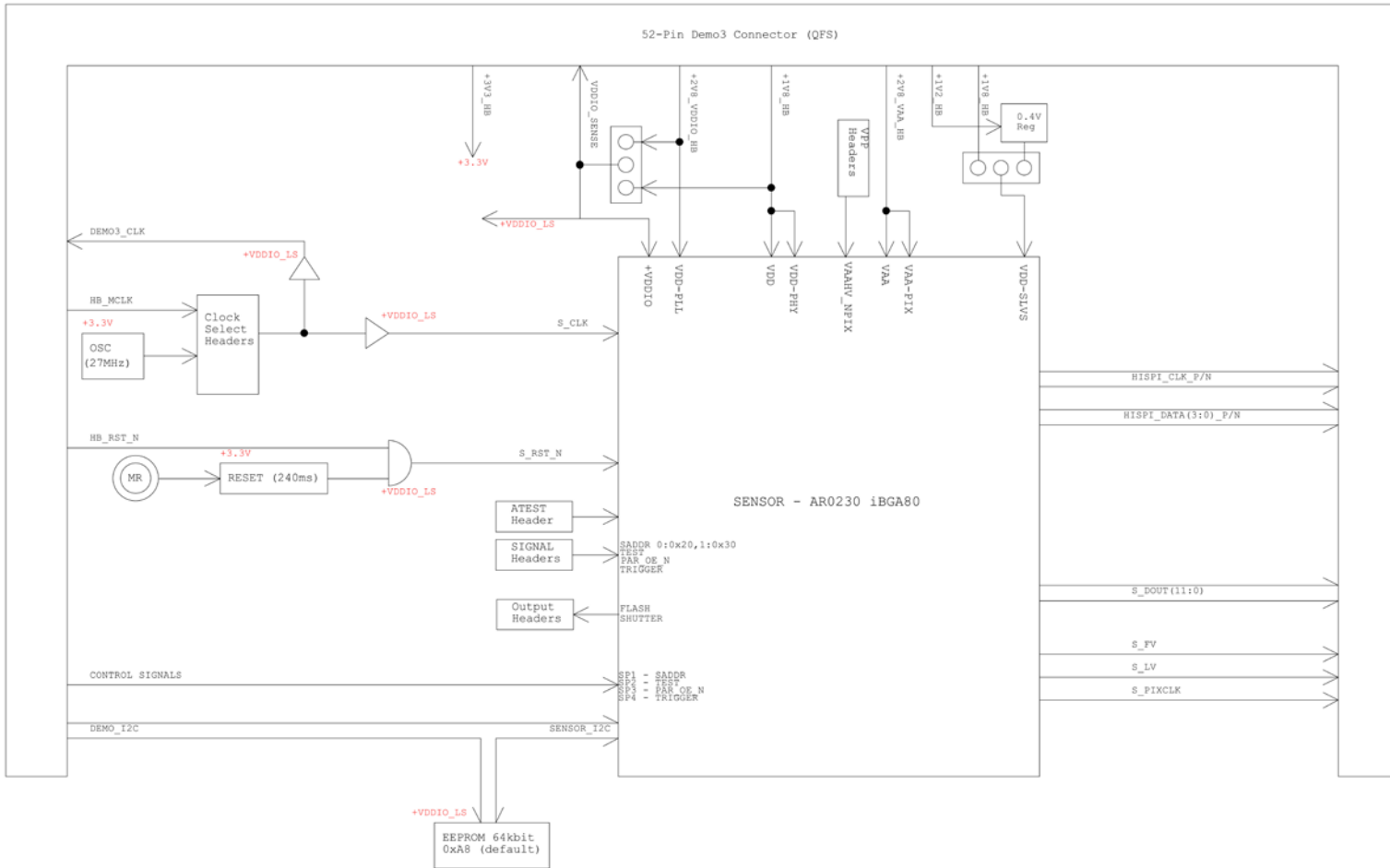
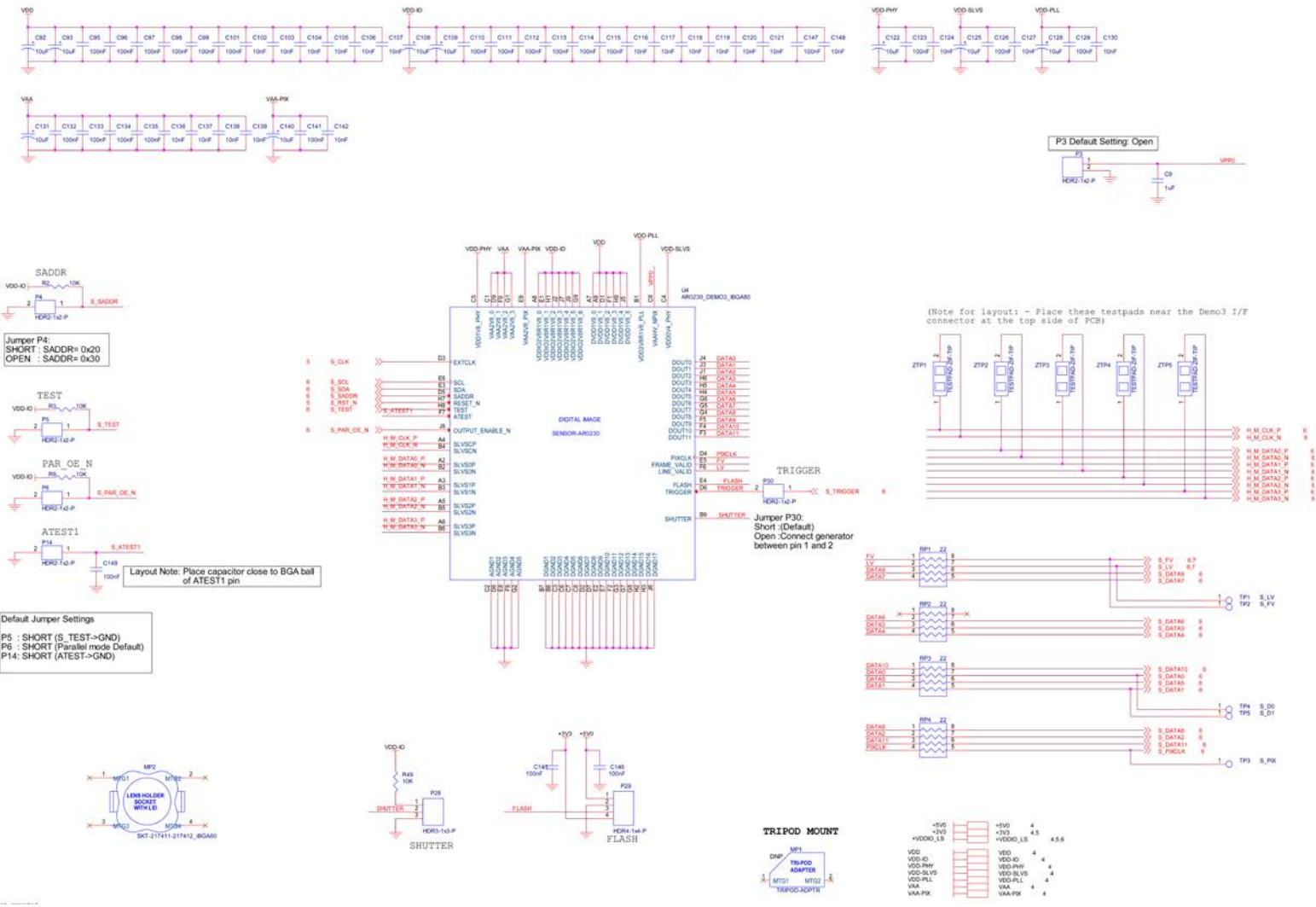


## Schematic for the AR023ZMCSC00SUEAH3-GEVB Evaluation Board

### Block Diagram

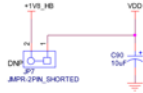


# Sensor



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

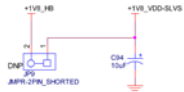
**VDD 1.8V SUPPLY**



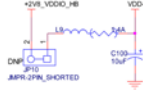
**VDD-PHY 1.8V SUPPLY**



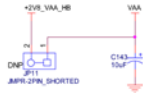
**VDD-SLVS 1.8V SUPPLY**



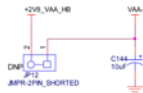
**VDD-PLL 2.8V SUPPLY**



**VAA 2.8V SUPPLY**



**VAA-PIX 2.8V SUPPLY**

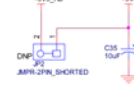


# Power

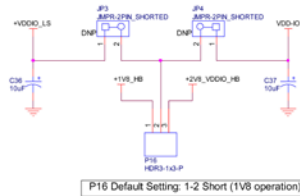
**PERIPHERAL 5V SUPPLY**



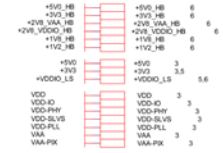
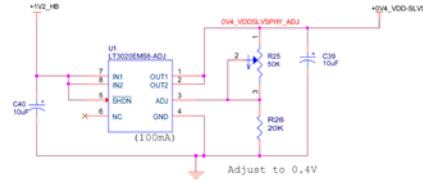
**PERIPHERAL 3.3V SUPPLY**



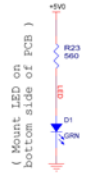
**VDDIO & VDDIO LS 1.8V/2.8V SUPPLY**



**VDD\_SLVS 0.4V SUPPLY**



**5V LED**



**Fiducials**



**Ground Testpoints**



**Mounting Holes**



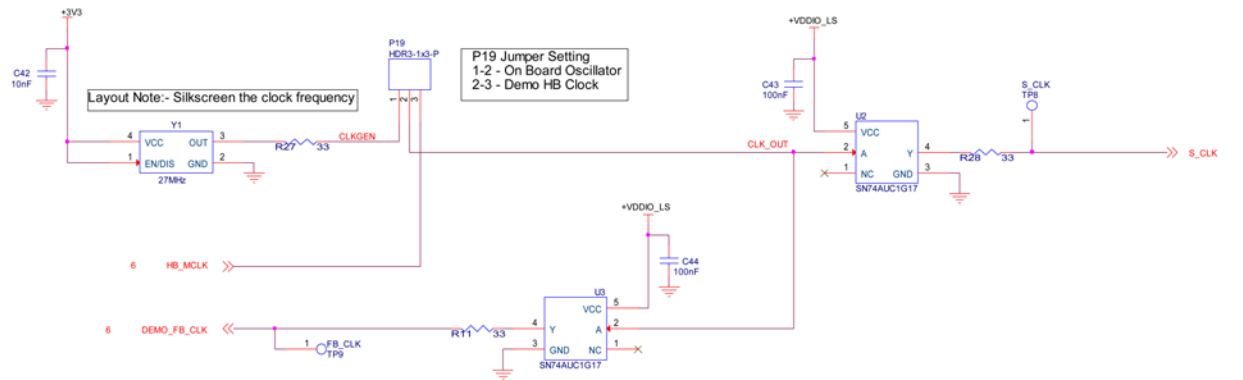
11 44602748



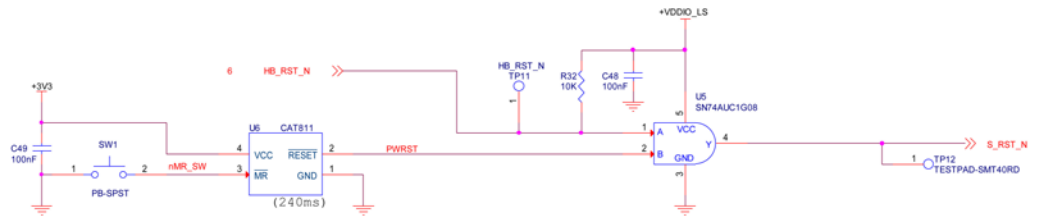
# Clock and Reset

+5V0	3,4
+3V3	3,4
+VDDIO_LS	4,6

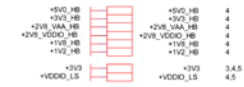
## CLOCK CIRCUIT



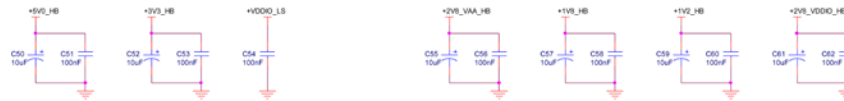
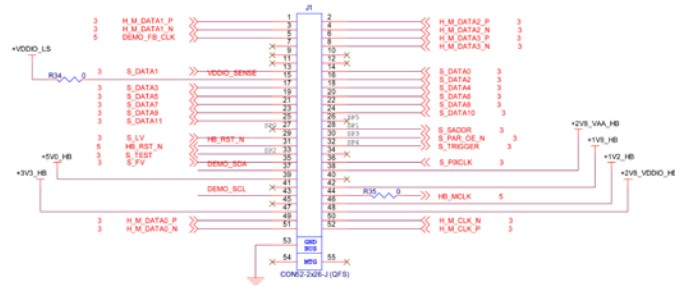
## RESET CIRCUIT



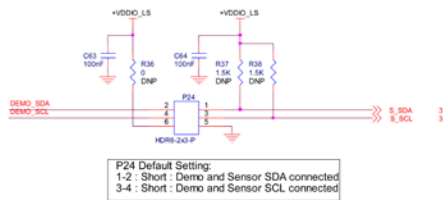
# External Interface



## DEMO3 BASEBOARD I/F



## I2C DEBUG



## LENS CORRECTION EEPROM

