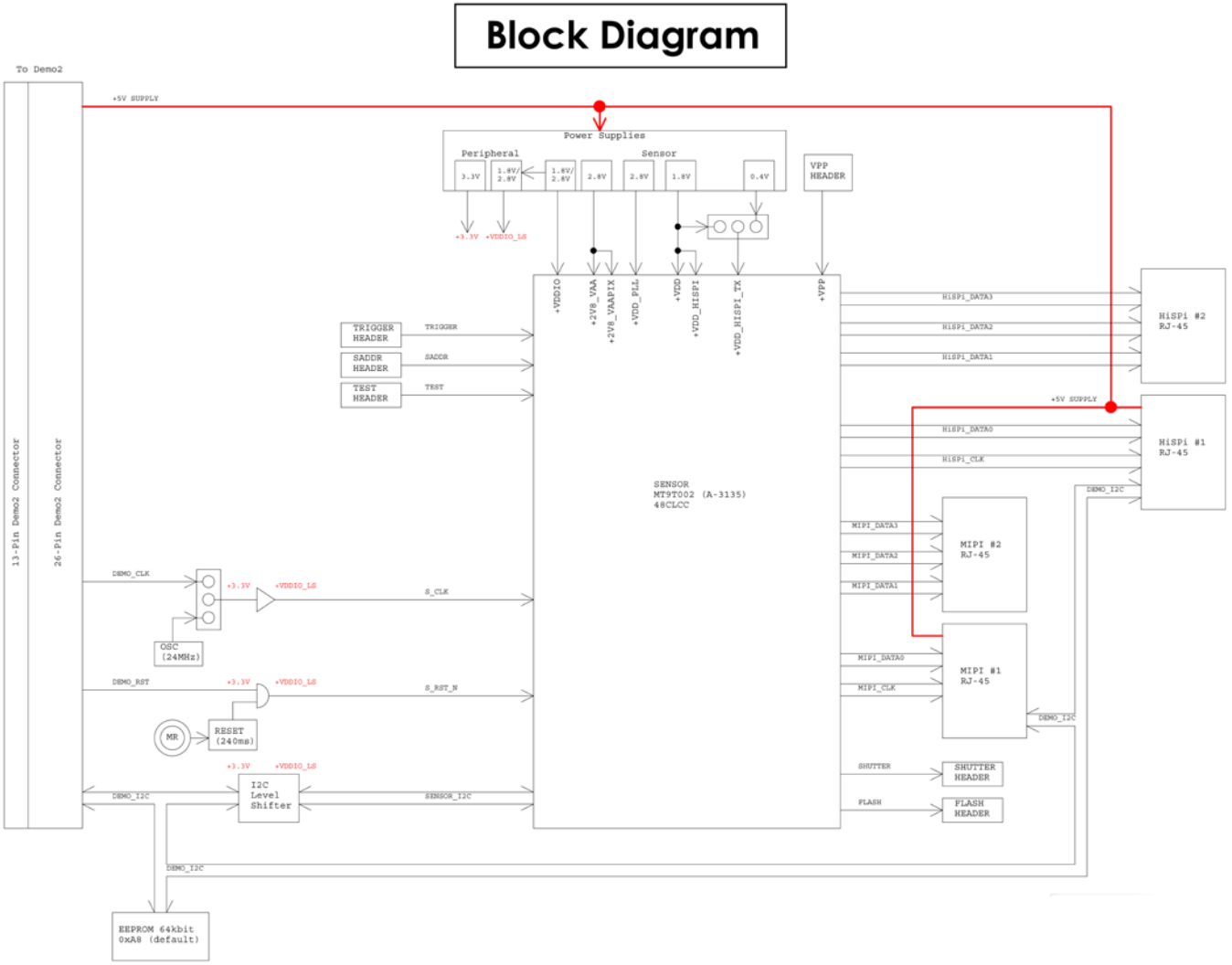
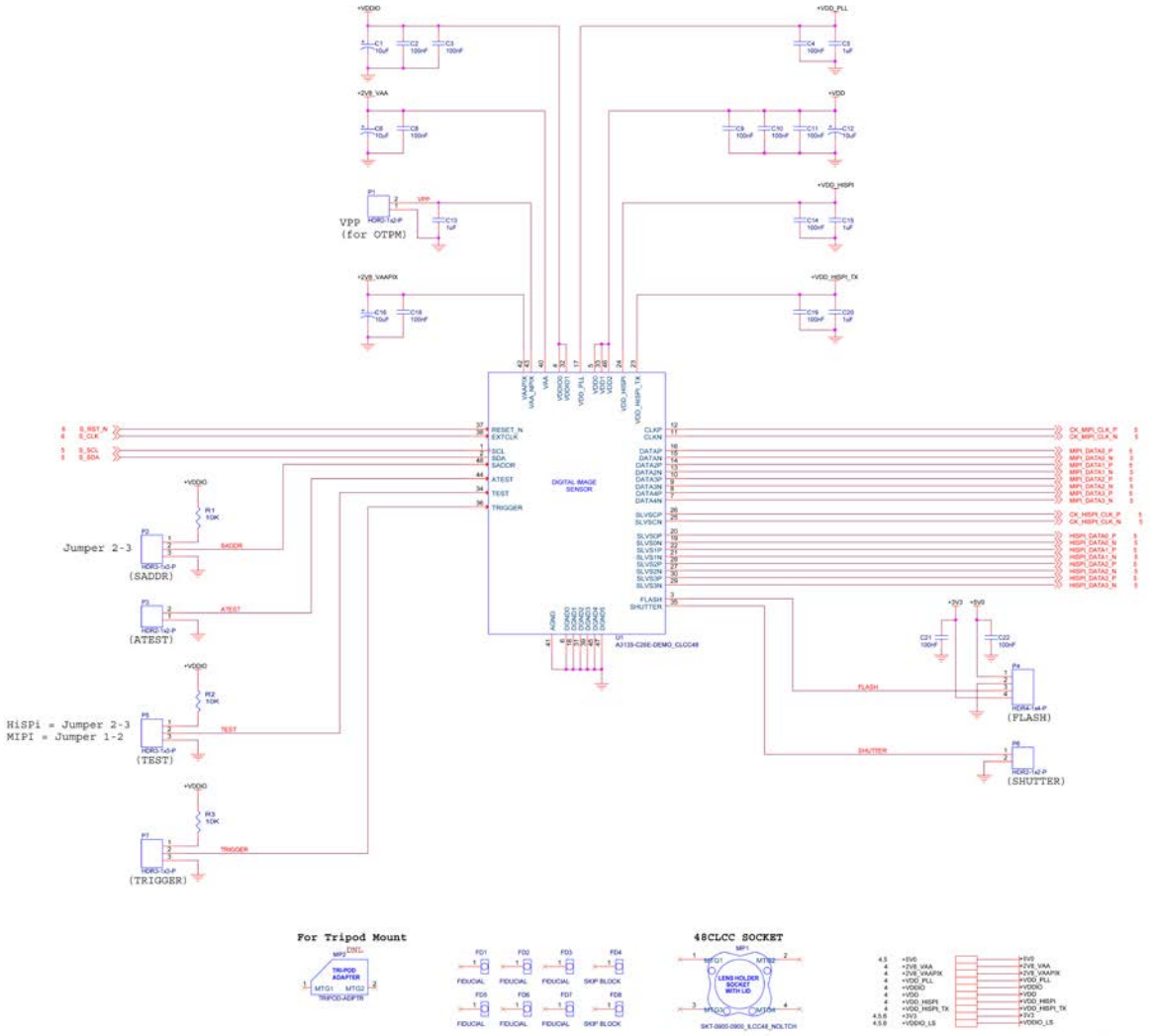
ON Semiconductor®

Schematic for the AR0330CM1C00SHAAH3-GEVB Evaluation Board

Block Diagram

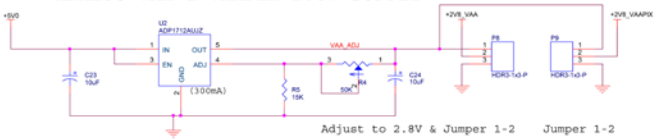


Sensor - MT9T002 (A-3135)_48CLCC

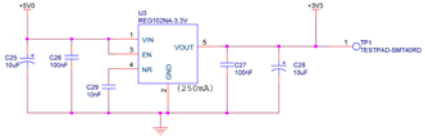


Power Supply

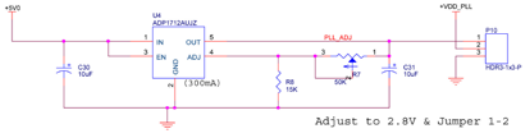
ANALOG VAA & VAAPIX 2.8V SUPPLY



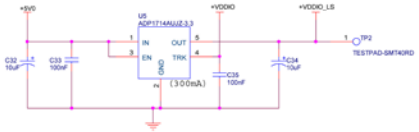
PERIPHERAL 3.3V SUPPLY

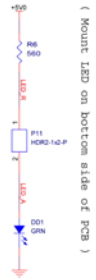


PLL 2.8V SUPPLY

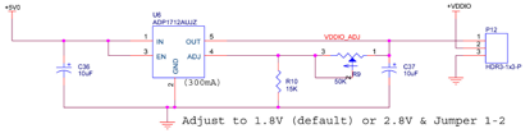


PERIPHERAL VDDIO_LS SUPPLY

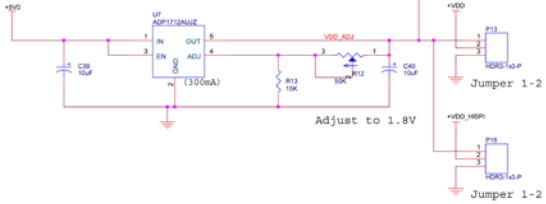




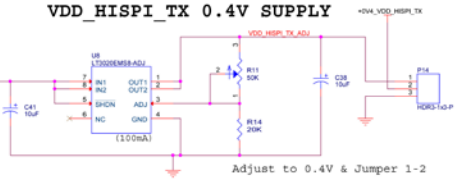
VDDIO 1.8V or 2.8V SUPPLY



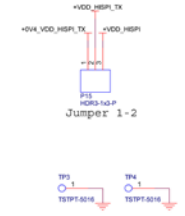
VDD & VDD_HISPI 1.8V SUPPLY

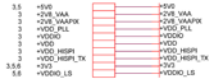


VDD_HISPI_TX 0.4V SUPPLY



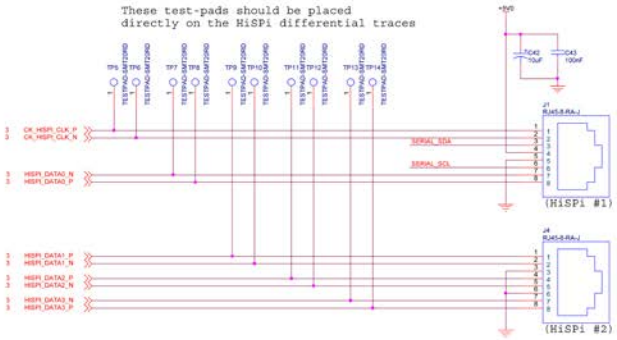
Selection of 0.4V or 1.8V for +VDD_HISPI_TX supply

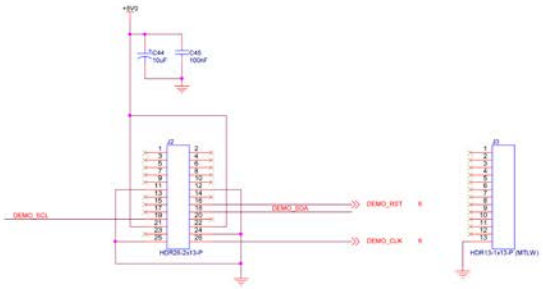




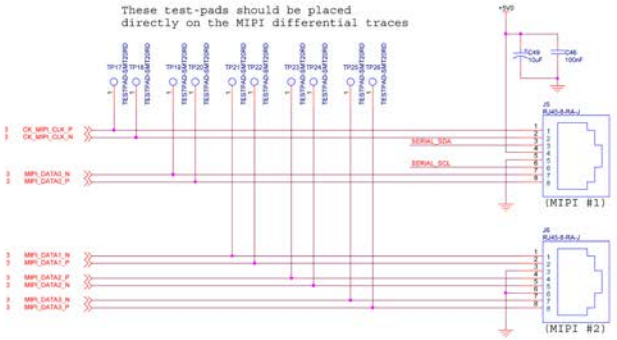
External Interface

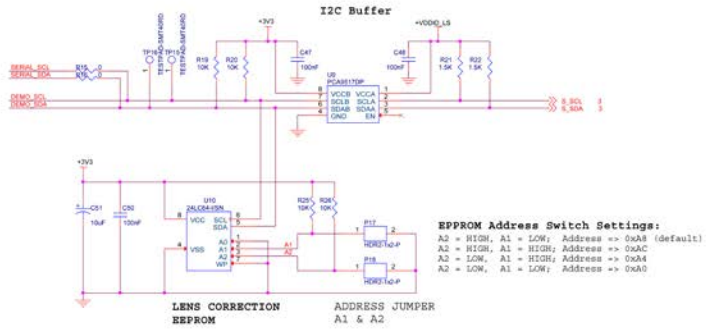
HISPI INTERFACE





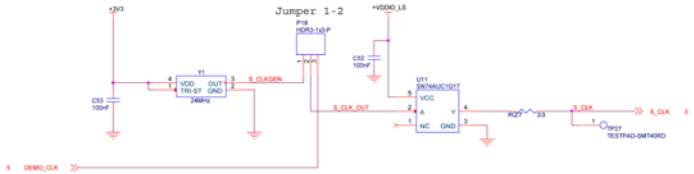
MIPI INTERFACE





Clock and Reset

CLOCK CIRCUIT



RESET CIRCUIT