



# MT9V115EBKSTCD-GEVB

## Top View

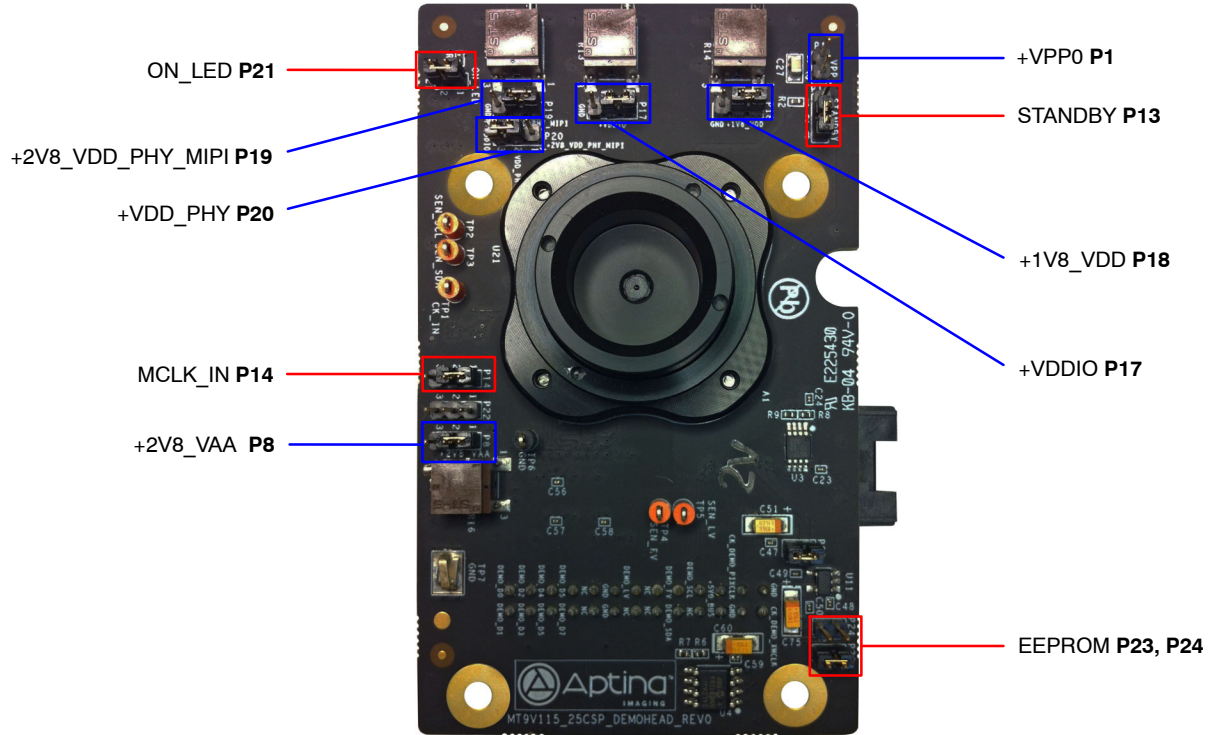


Figure 3. Top View of Evaluation Board – Jumpers

## Bottom View

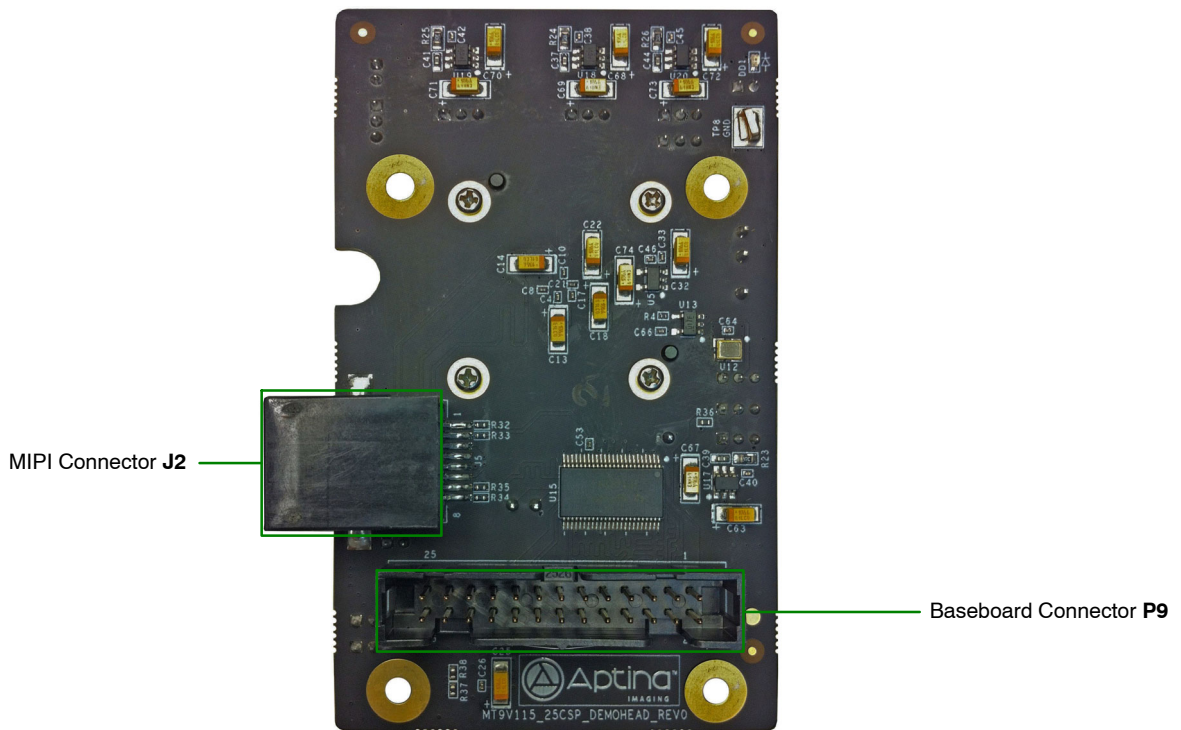
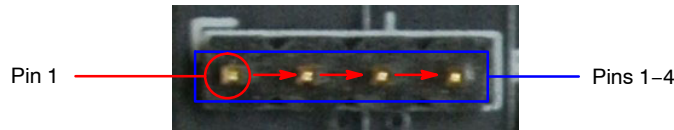


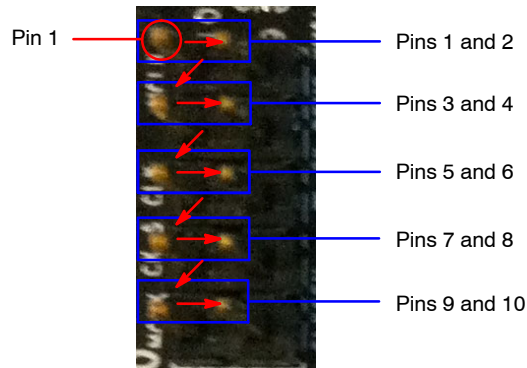
Figure 4. Bottom View of the Evaluation Board – Connectors

**Jumper Pin Locations**

The jumpers on headboards start with Pin 1 on the leftmost side of the pin. Grouped jumpers increase in pin size with each jumper added.



**Figure 5. Pin Locations for a Single Jumper. Pin 1 is Located at the Leftmost Side and Increases as it Moves to the Right**



**Figure 6. Pin Locations and Assignments of Grouped Jumpers. Pin 1 is Located at the Top-Left Corner and Increases in a Zigzag Fashion Shown in the Picture**

**Jumper/Header Functions & Default Positions**

**Table 1. JUMPERS AND HEADERS**

Jumper/Header No.	Jumper/Header Name	Pins	Description
P1	+VPP0	Open (Default)	For connection to external 8.5 V +VPP0 power supply for OTPM
P8	+2V8_VAA	1-2 (Default)	Connects to on-board +2V8_VAA power supply
		2-3	External power supply connection
P13	STANDBY	2-3 (Default)	Normal mode
		1-2	Standby mode
P14	MCLK_IN	2-3 (Default)	Connects to on-board oscillator
		2-3	Connects to XMCLK with P22
P17	+VDDIO	1-2 (Default)	Connects to on-board +VDDIO power supply
		2-3	External power supply connection
P18	+1V8_VDD	1-2 (Default)	Connects to on-board +1V8_VDD power supply
		2-3	External power supply connection
P19	+2V8_VDD_PHY_MIPI	1-2 (Default)	Connects to pin 1 of P20
		2-3	External power supply connection
P20	+VDD_PHY	1-2 (Default)	MIPI output mode
		2-3	Parallel output mode

## MT9V115EBKSTCD-GEVB

**Table 1. JUMPERS AND HEADERS** (continued)

Jumper/Header No.	Jumper/Header Name	Pins	Description
P21	ON_LED	Closed (Default)	Turn on +5 V0 bus LED indicator
		Open	Turn off +5 V0 bus LED indicator
P23, P24	EEPROM Address	P23 Closed, P24 Open (Default)	EEPROM Address set to 0xA8
		P23 Open, P24 Open	EEPROM Address set to 0xAC
		P23 Open, P24 Closed	EEPROM Address set to 0xA4
		P23 Closed, P24 Closed	EEPROM Address set to 0xA0

### Interfacing to ON Semiconductor Demo 2X Baseboard

The ON Semiconductor Demo 2X baseboard has a similar 26-pin connector which mates with P15 of the

headboard. The four mounting holes secure the baseboard and the headboard with spacers and screws.

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