

MIPI IN

CN_MIP1_D0+	I_MIP1_D0+
CN_MIP1_D0-	I_MIP1_D0-
CN_MIP1_D1+	I_MIP1_D1+
CN_MIP1_D1-	I_MIP1_D1-
CN_MIP1_CLK+	I_MIP1_CLK+
CN_MIP1_CLK-	I_MIP1_CLK-
CN_MIP1_D2+	I_MIP1_D2+
CN_MIP1_D2-	I_MIP1_D2-
CN_MIP1_D3+	I_MIP1_D3+
CN_MIP1_D3-	I_MIP1_D3-

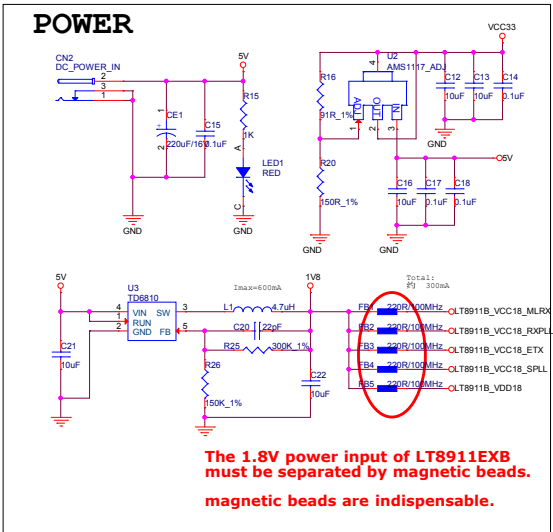
LT8911EXB Mipi input format, requirements:

- MIPI DSI**
- Video mode**

BL_POWER
BL_EN
BL_PWM
CN_MIP1_D0+
CN_MIP1_D0-
CN_MIP1_D1+

PS: S_ADDR
H-->Addr: 0x5a
L-->Addr: 0x52
Default =L;

The Reset pin of LT8911EXB (T8911EXB_RSTN) must be controlled by GPIO.



eDP Out

C3/C4/C5/C6/C7/C8 can not be omitted.

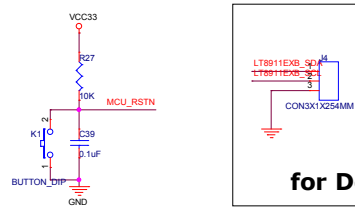
The diagram illustrates the eDP Out interface connections. The top section shows the main signal and control lines connected to a pin header. The bottom section shows two callouts for the AUX_P and AUX_N lines, indicating the required termination resistors.

Pin List:

Pin	Signal
1	NC
2	GND
3	LANE1_N
4	LANE1_P
5	NC
6	LANE0_N
7	LANE0_P
8	NC
9	AUX_P
10	AUX_N
11	GND
12	GND
13	VDD33
14	VDD33
15	NC
16	HPD
17	GND
18	HPD
19	GND
20	GND
21	NC
22	BL_EN
23	BL_PWM
24	NC
25	NC
26	NC
27	BL_POWER
28	BL_POWER
29	BL_POWER
30	NC

Callout 1 (AUX_P): AUX_P needs to connect 300K resistance to GND.

Callout 2 (AUX_N): AUX_N needs to connect 100K resistance to 3.3V.

[illegible]

If STM8s003F3 is selected.

Pin 15 (V5) and Pin 20 (I/O) are shown. The diagram illustrates the internal circuitry of the STM8s003F3, including the L6D107V3, VDD33, and VDD pins. A 0.1uF capacitor is connected to VDD33 and a 1uF capacitor is connected to VDD. The 8th pin (VCAP) is connected to a 1uF capacitor to GND. The diagram also shows the connection of the L6D107V3 to the VDD33 and VDD pins.

The 8th pin(VCAP) connects 1uF capacitor to GND

If LT9116XB_RSTN is connected with pull-up resistance to 3.3V, D3 can be omitted.



With 1.8V and 3.3V can be used.

VCC33

R30 R19 R23

NC49C01

IRQ NC49C GPIO5_IRQ02

LT8911EXB_SCL R31 S_SCL

LT8911EXB_SDA R32 S_SCL

R33 S_SDA

The IIC of LT8911EXB is compatible with 3.3V and 1.8V and does not require level shift.

Revision History

20180207
1. first release.
20180316
1. Change MCU.