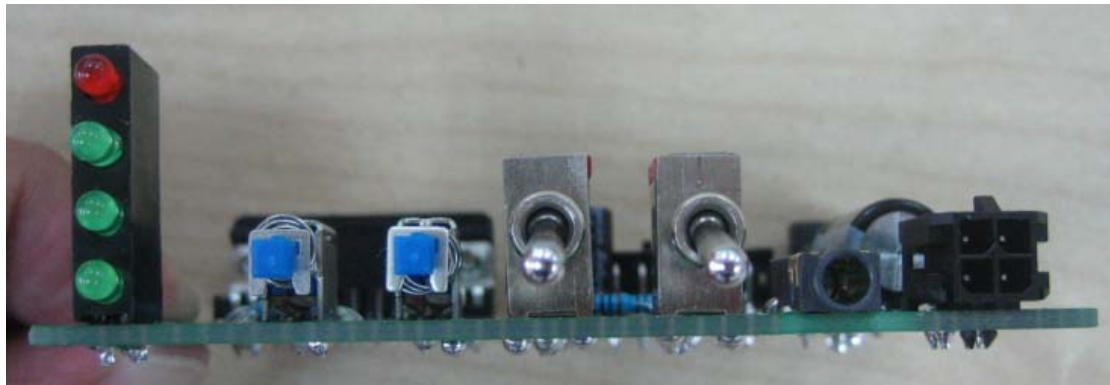
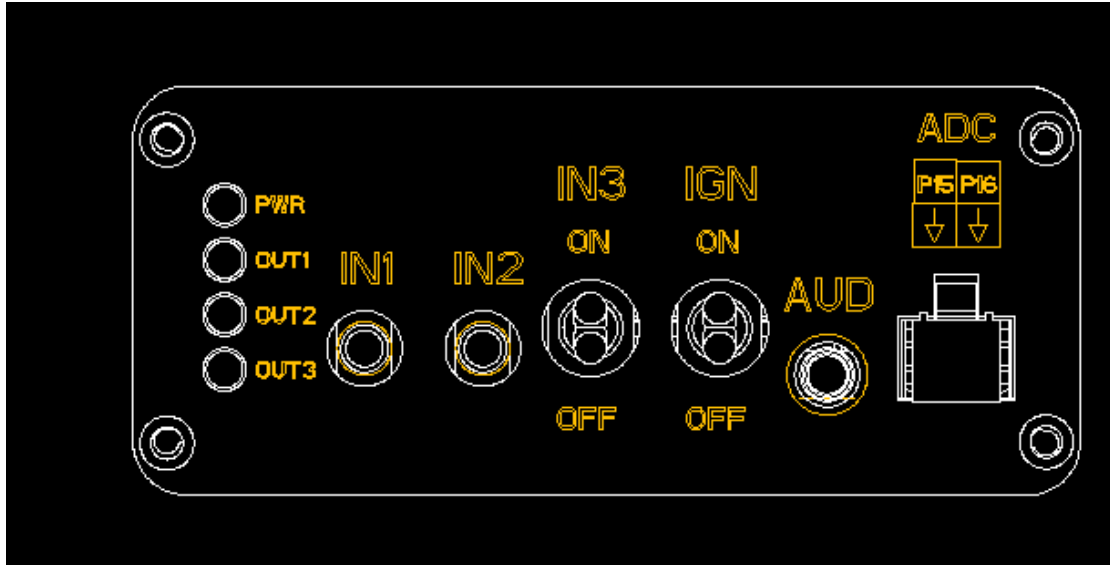


Brief Introduction for GV300 EVB Board

1, Front Side



Reference to the photo, *PWR*, *OUT1*, *OUT2*, *OUT3*, *IN1*, *IN2*, *IGN* is same as the definition of GV300 16Pin Connector, which is defined in the GV300 User Manual:

Index	Description	Comment
1	MICP	Single end, 2-2.2k microphone, internal bias
2	AGND	Analog ground
3	IGN	Ignition input, positive trigger
4	RXD	UART RXD, RS232
5	TXD	UART TXD, RS232
6	GND	Power and digital ground
7	OUT3	Open drain, 150mA max
8	OUT2	Open drain, 150mA max
9	EARP	Differential output, 32ohm 1/4w speaker
10	EARN	

11	PWR	External DC power input, 8-32V
12	IN2	Digital input, negative trigger
13	IN1	Digital input, negative trigger
14	OUT1	Open drain, 150mA max ,with latch circuit
15	AD1/IN3	Multifunction input, analog or digital input
16	AD2	Analog input 0-16v

IN3 is corresponded to the PIN15 of GV300 16Pin Connector, PIN15 is a Digital / Analog multiplexed interface. When this Pin is used as a Digital input, the *ADC P15* pin of EVB Board must be in floating state; when this Pin is used as an Analog input, please set the *IN3* switch of EVB Board to OFF state.

AUD is a 3.5" audio interface, support for stereo headphones with the MIC.

ADC interface is used to connect external analog input, support 0~16V. The *ADC P15* pin needs to be used with *IN3* switch.

2, Back Side

