eVY1 Module Board Pin Function List

Connector	No.	Pin Name	Description
J1	1	DC5V	DC5V Input
	2	DGND	Digital Ground
	3	V33IO	DC3.3V Output (for IOTRAP1) *1
	4	IOTRAP1	Switching of SPI FLASH writing and program execution Open : Normal startup (run program) Pulled high to DC3.3V via 10K : SPI Flash ROM writing mode
	5	RESET	Active low external reset
	6	USB_DET	USB detection To be connected to the USB bus power(VBUS) via 10K
	7	MIDI_IN	MIDI Input (DC3.3V)
	8	NC	Do not used
J2	1	LED1	Output for LED1, drive a LED at 1mA. High:DC3.3V / Low:0V
	2	LED2	Output for LED2, drive a LED at 1mA. High:DC3.3V / Low:0V
	3	LED3	Output for LED3, drive a LED at 1mA. High:DC3.3V / Low:0V
	4	LED4	Output for LED4, drive a LED at 1mA. High:DC3.3V / Low:0V
	5	DGND	Digital Ground
	6	USB_DM	USB DM
	7	USB_DP	USB DP
	8	DGND	Digital Ground
J3	1	SPOUTLN	Speaker Amplifier Output Lch Neg.
	2	SPOUTLP	Speaker Amplifier Output Lch Pos.
	3	SPOUTRN	Speaker Amplifier Output Rch Neg.
	4	SPOUTRP	Speaker Amplifier Output Rch Pos.
	5	AGND	Analog Ground
	6	HPOUTL	Headphone Amplifier Output Lch
	7	HPOUTR	Headphone Amplifier Output Rch
J4	1	NC	Do not used
	2	NC	Do not used
	3	NC	Do not used
	4	MIC_IN	Microphone signal input
	5	NC	Do not used
	6	MBS	Microphone bias output (for condensor mic.)
	7	AGND	Analog Ground

*1 : V33IO is limited to the use of the module substrate and internal IOTRAP1.
   Please do not use for any other purpose.