

Speaker Output Connector:
J2 MOLEX-4PIN-3MM

Pin	Definition
1	ROUT-
2	LOUT+
3	ROUT+
4	LOUT-

Extension Connector:
J6 PH-10PIN-2MM

Pin	Definition
1	LED2
2	KEY2
3	RIN
4	GND
5	LIN
6	KEY1
7	LED1
8	GND
9	VCC
10	VCC

Switch Control Connector:
J5 PH-2PIN-2MM

Pin	Definition
1	EN
2	GND

Battery Charging Connector:
J1 PH-4PIN-2MM

Pin	Definition
1	GND
2	GND
3	VBAT
4	VBAT

Volume Control Connector:
J11 PH-6PIN-2MM

Pin	Definition
1	LIN
2	LOUT
3	GND
4	GND
5	ROUT
6	RIN

Power Connector:
J3 MOLEX-2PIN-3MM

Pin	Definition
1	VCC
2	GND

LED Indicator Connectors:
J7, J8, J9 PH-2PIN-2MM


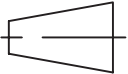
Pin	Definition
1	VCC
2	GND

Note: With regard to J7,J8 and J9, please refer to Diagram 1 for detailed information.

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RevNo	Revision note	Date	Signature	Checked	Approved
1:					
2:					
3:					
4:					

Designed by	Checked by	Approved by	Date	Scale	 	Edition
AH	BM	SS	2/2017	None		A
Model: KAB-250						Unit mm
Name: 2x50W Class D Audio Amplifier Board with Bluetooth 4.0						Sheet 1 of 1