



Amplifier Module Product Data Sheet

Model Name: **SPA-1**Rev. C

Contents

Introduction

- Product Photo _____Page 1
- Function / Electronic Specification _____Page 1

Hardware Description

- PCB Diagram _____Page 2
- Jumpers/Connectors Description _____Page 2
- PCB Dimension Diagram _____Page 3

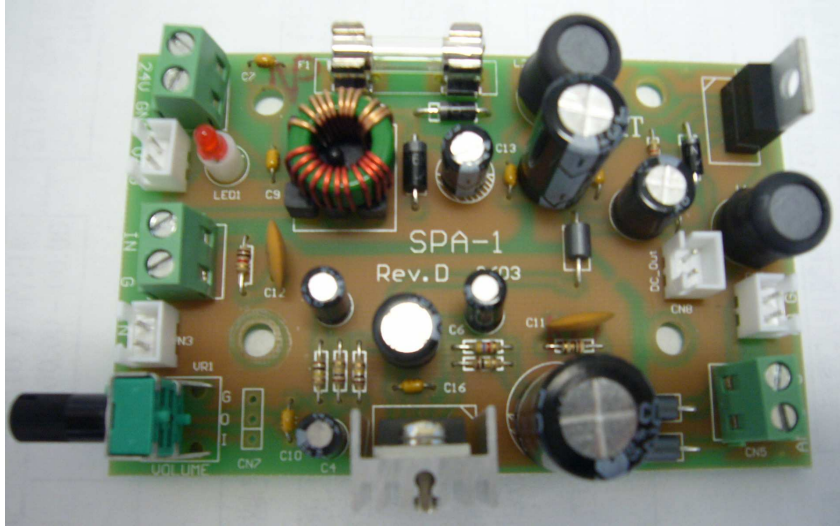
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SPA Module Product Data Sheet

Model Name: **SPA-1**Rev. C



Introduction

SPA-1 Module can be configured to voice modules to amplify to 5W Audio output.. Also configured loudspeaker can be up to 15W. Use DC 24V for input voltage and DC to DC 12V for output voltage to provide certain voice modules. (ex: VCM-20, VCM-01X)

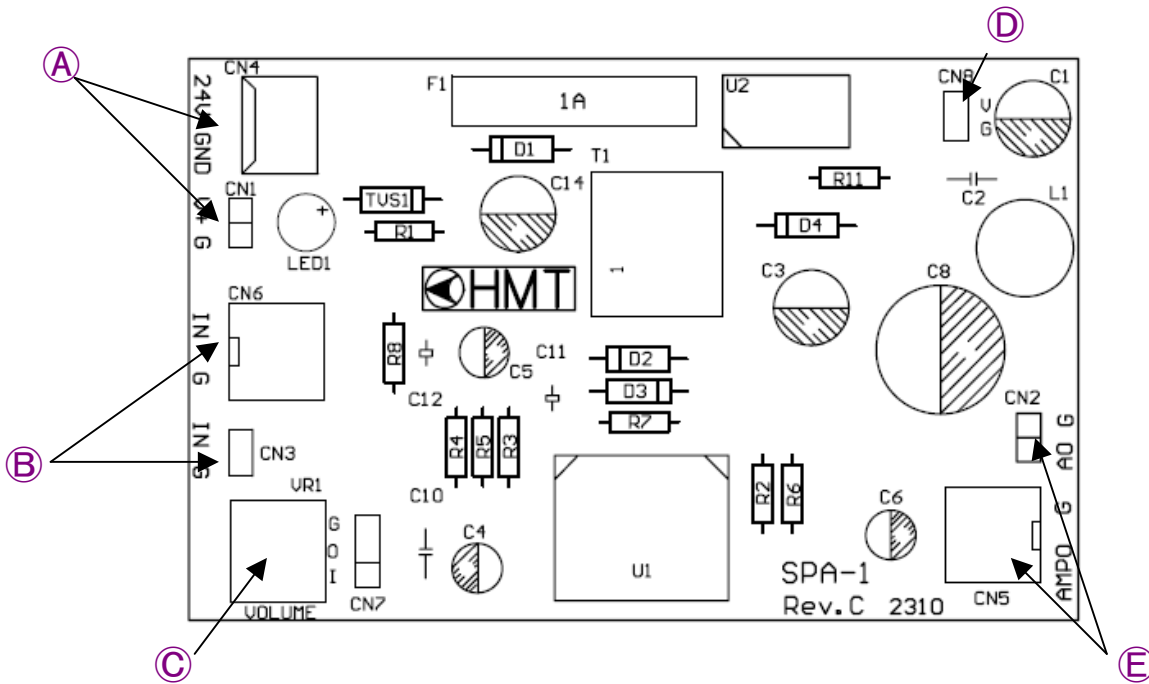
Function / Electronic Specification

Voltage Supply	DC 12 - 36 V / 1 A (DC-DC)
Amplifier Output	5 Watt, Ro = 4 ohm
Consumption (Audio Output)	0.8A at DC 24 Vin
Reverse Side Voltage Protection	Yes
PVS Function	Yes
Operating temperature	0°C - 70°C
Volume control	Yes
PCB Dimension (L x W x H)	94 x 59 x 20 (mm)

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PCB Diagram



Jumpers & Connectors Description

A	CN1,CN4: DC12-DC24V Voltage Supply		
B	CN3,CN6: Voice Input	C	Volume Tuner
D	DC to DC 12V Output	E	CN2,CN5: Voice Output

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PCB Dimension Diagram

