

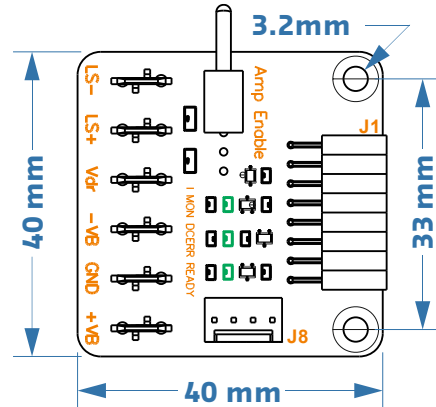
## UcD LP OEM series evaluation board

### Introduction

This OEM Connector conversion board is specifically designed to make it easy to evaluate the UcD Low-profile OEM series modules.

The amplifier module can be switched on or off using the onboard Amp Enable switch or via the UcD signal cable.

It features a 4-pin MOLEX® KK® series connector for audio input signals and on-off control.



### Features

- Makes it easy to evaluate the UcD LP OEM series.
- Amp Enable switch
- Hypex UcD Signal cable compatible
- LED feedback



### Connector Pins

#### UcD LP OEM interface

Pin	Remarks
J1.1	HV-
J1.2	HV+
J1.3	HV-
J1.4	HV+
J1.5	Amplifier ready
J1.6	Ground
J1.7	ON/OFF control (Active low)
J1.8	DC-fault detection (Open collector - Active low)
J1.9	Non-inverting audio input
J1.10	Inverting audio input
J1.11	Loudspeaker connection (hot)
J1.12	Loudspeaker connection (cold)
J1.13	Loudspeaker connection (hot)
J1.14	Loudspeaker connection (cold)
J1.15	Current limiter monitoring
J1.16	External driver voltage (optional)

This pin-out is given for convenience only, it should be connected directly to the UcD LP OEM module.

#### Audio input

Pin	Remarks
J8.1	ON/OFF control / Amp Enable
J8.2	Inverting audio input
J8.3	Ground
J8.4	Non-inverting audio input

Molex cable-end part no: 22-01-2045.

#### Supply connector and speaker output

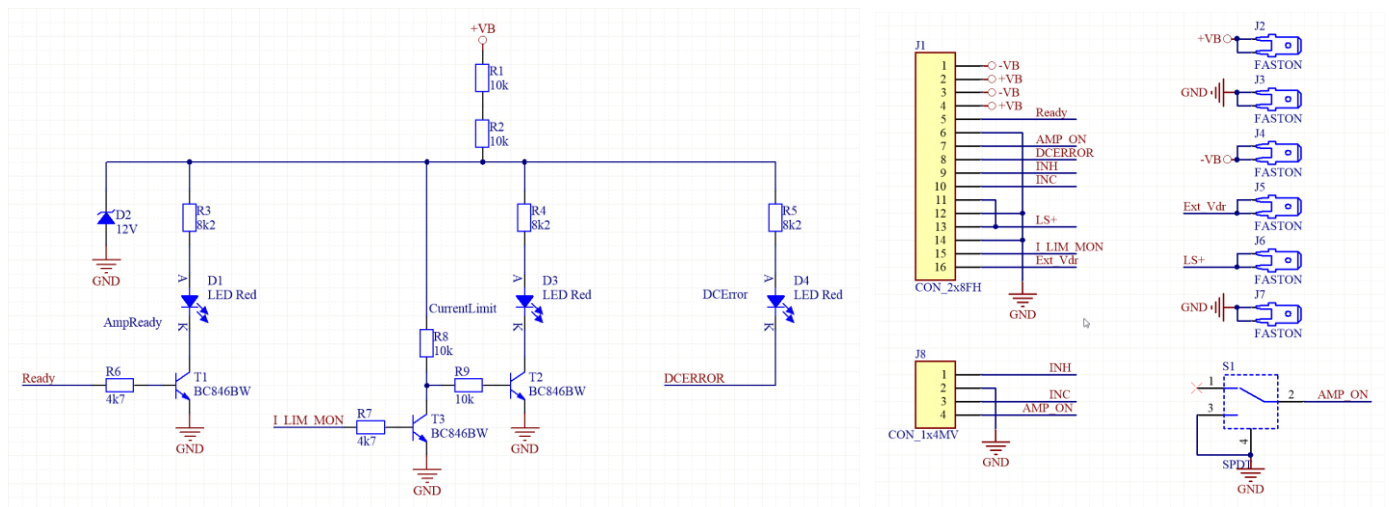
Faston Terminal, 6.35mm x 0.81m, Brass

#### Controls

	Remarks
LED D1	Amp ready
LED D4	DC error
LED D3	Current limiter monitor
Switch S1	ON/OFF control / Amp Enable

For further details regarding specific IOs and performances, please refer to the datasheet.

## 1 Schematic



## 2 Revisions

Document revision	Module revision	Change log	Date
01	V0.0	Release version	Nov '13
02	01xx	Revised version	Dec '17

## 3 Disclaimer

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