

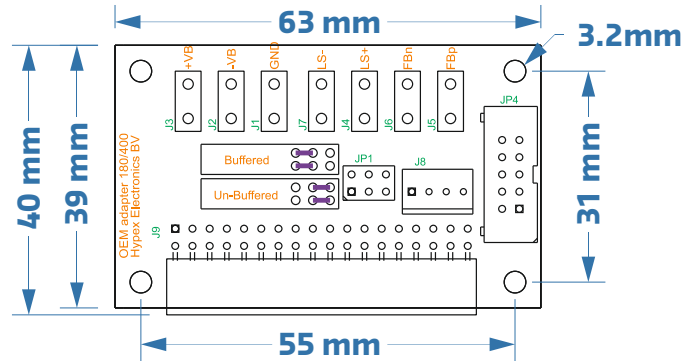
UcD180OEM and UcD400OEM series evaluation board

Introduction

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

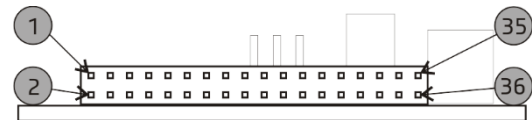
The audio signal can be routed to the buffered or unbuffered signal input using the jumper selection.

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 OEM series.
- Buffer jumpers
- Hypex UcD Signal cable compatible
- Optional remote (kelvin) feedback lines



Connector Pins

J9: UcD OEM interface

Pinout of this connector can be found in the datasheet of the UcD OEM.

JP4: Interface connector:

Pin	Remarks
J1.1	GND
J1.2	GND
J1.3	N.C.
J1.4	N.C.
J1.5	N.C.
J1.6	ON/OFF control (active low)
J1.7	Buffered non-inverting audio input
J1.8	Buffered inverting audio input
J1.9	Clipping detection output (open collector)
J1.10	DC-error output (open collector)

Caution: This connector is not compatible with our range of power supplies. Connecting this connector to a Hypex SMPS will damage your power supply!

J8: 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

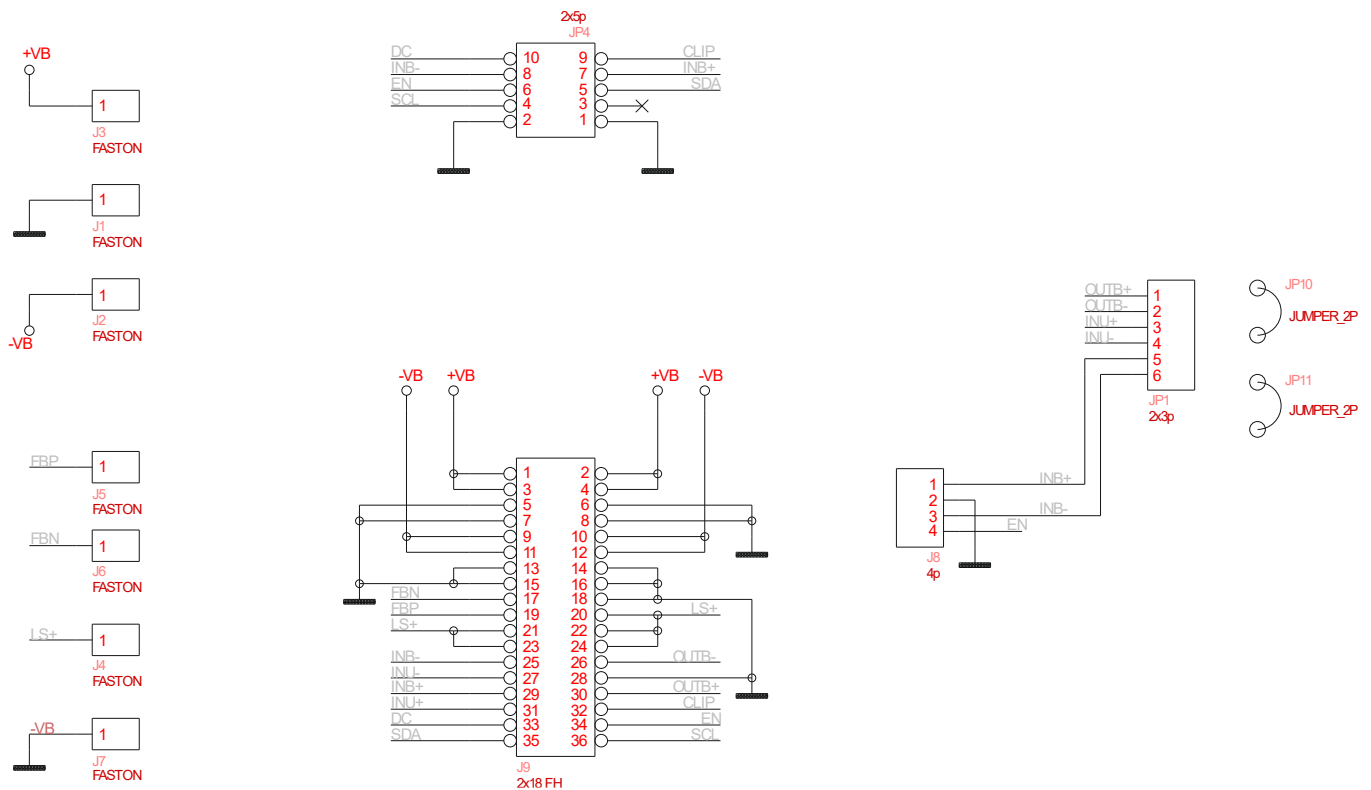
Faston Terminal, 6.35mm x 0.81m, Brass

Buffer:

JP1 jumpers can be used to select either the buffered or un-buffered signal input of the connected UcD OEM module.

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

All products, product specifications and data are subject to change without notice to improve reliability, function or design or otherwise.

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