

# PEController-MLBX



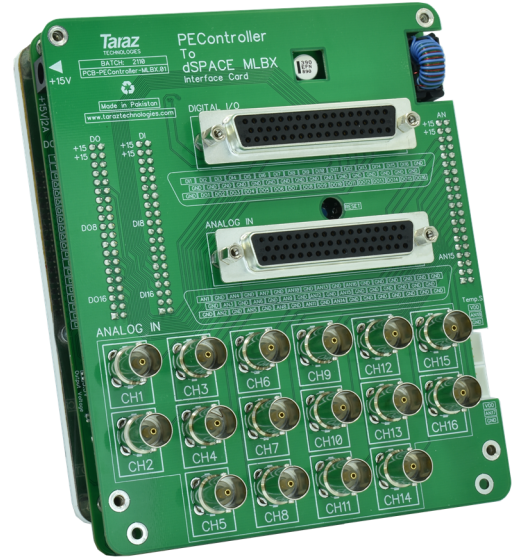
## dSPACE MicroLabBox Interface Card

### OVERVIEW

The PEController-MLBX pluggable daughter card is designed to directly interface PEController and PE-RCP controller modules to dSPACE MicroLabBox. The analog channels are provided through BNC and DB50 connectors to support both MLBX models.

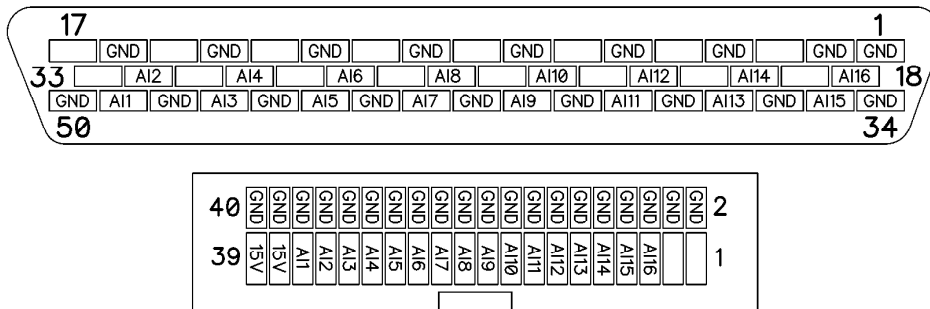
### Applications

- ✓ PEController Interface to dSPACE MicroLabBox
- ✓ PE-RCP Interface to dSPACE MicroLabBox



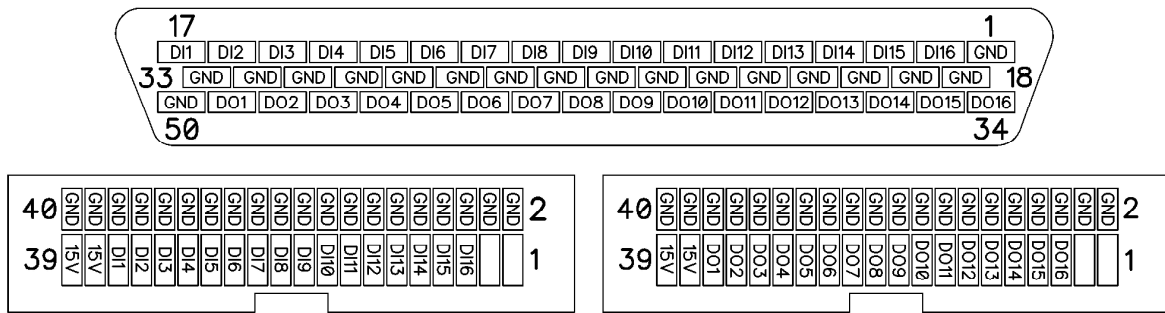
### PIN MAPPING

#### Analog Pin Mapping



Controller Module Analog Input	dS MLBX Analog Output Channel (Analog I/O B Connector)
A11	AO1 CH1
A12	AO1 CH2
A13	AO1 CH3
A14	AO1 CH4
A15	AO1 CH5
A16	AO1 CH6
A17	AO1 CH7
A18	AO1 CH8
A19	AO1 CH9
A110	AO1 CH10
A111	AO1 CH11
A112	AO1 CH12
A113	AO1 CH13
A114	AO1 CH14
A115	AO1 CH15
A116	AO1 CH16

### Digital I/O Connectors Pin Mapping



Controller Module Digital I/O	dS MLBX I/O Channel (Digital I/O A Connector)
DI1	DIO1 CH1
DI2	DIO1 CH2
DI3	DIO1 CH3
DI4	DIO1 CH4
DI5	DIO1 CH5
DI6	DIO1 CH6
DI7	DIO1 CH7
DI8	DIO1 CH8
DI9	DIO1 CH9
DI10	DIO1 CH10
DI11	DIO1 CH11
DI12	DIO1 CH12
DI13	DIO1 CH13
DI14	DIO1 CH14
DI15	DIO1 CH15
DI16	DIO1 CH16
DO1	DIO1 CH17
DO2	DIO1 CH18
DO3	DIO1 CH19
DO4	DIO1 CH20
DO5	DIO1 CH21
DO6	DIO1 CH22
DO7	DIO1 CH23
DO8	DIO1 CH24
DO9	DIO1 CH25
DO10	DIO1 CH26
DO11	DIO1 CH27
DO12	DIO1 CH28
DO13	DIO1 CH29
DO14	DIO1 CH30
DO15	DIO1 CH31
DO16	DIO1 CH32

## ABOUT TARAZ TECHNOLOGIES

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Founded in 2012, Taraz was nominated among the top most innovative technology startups in Pakistan. Our research and manufacturing facility is located in Islamabad, the green capital city of Pakistan.

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