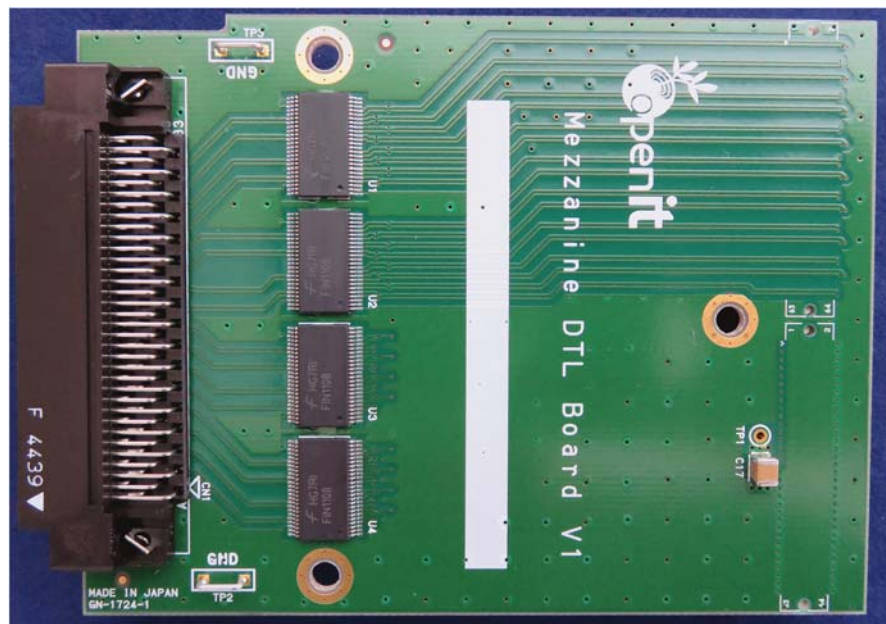


## Introduction

This module is a extension mezzanine card for the HUL controller (GN-1573-1), which is aimed to output the signals from FPGA on the HUL controller. 32 signal lines are connected to FPGA on the HUL controller to output the signals from FPGA.

## Features

This module is directly connected to FPGA on the HUL controller by 32 differential signal lines (LVDS). The signals from FPGA is once buffered by FIN1108 and output with LVDS. Owing to the sufficient bandwidth of FIN1108 (800 Mbps), it can transfer the fast signals from FPGA.



## Specification

### Size

- HUL mezzanine 1 slot

### Output

- LVDS 32ch

### Connector

- 8831E-068-170L-F

### Power

- +3.3V from the HUL controller