

# Global Connect Electronic Ltd.

## HDMI Automatic Switcher

## High Definition Multimedia Interface (HDMI)\*

### Specification

- Operating temperature range: -5 to +35°C
- Operating humidity range: 5 to 90% RH (no condensation)
- Signaling rates: up to 1.65Gbps
- Input Video Signal: 0.5-1.0 volts p-p
- Input DDC Signal: 5 volts p-p (TTL)
- Maximum Single Link Range: UXGA, 1080P
- Output Video: HDMI 1.2a+HDCP1.0/1.1
- Power Consumption: 120 mWatts (max.)

### Features

- Compact size : L69\*W58\*H17mm
- No need of outside power supply. (The power input is optional)
- No need of settings.
- Switching: Auto switching functions, no buttons or switches on the board.
- Signaling rates up to 1.65Gbps in support of UXGA and 1080P display.
- 8dB receiver equalization to compensate for 5m HDMI cable losses.
- 3dB driver pre-emphasis to compensate for PCB losses.
- Each port supports HDMI or DVI inputs.

### Application



### Introduction

- GCE's HDMI-2in1out-A0 is a two-way HDMI selector. User could select any HDMI input by plugging the HDMI connector
- HDMI-2in1out-A0 has the functions of equalization and pre-emphasis. It could achieve long-distance transmission of HDMI signal to more than 15 meters. HDMI-2in1out-A0 offers solutions for digital entertainment center, HDTV retail and show site, HDTV, STB, DVD, and Projector factory, noise, space and security concerns, data center control, information distribution, conference room presentation, school and corporate training environments.

