

# Product Change Notification

**Change Title: The Design Iteration of LattePanda V1 Series**

**Change Notification #: LPV11111-01**

**Date of Publication: June 2<sup>nd</sup>, 2022**

## Key Points of the Change:

- The change of the audio chip
- The increase of the interfaces

## Involved Products:

DFR0444	LattePanda Win10 Developing Board 2GB/32GB (Unactivated)
DFR0418	LattePanda Win10 Developing Board 2GB/32GB
DFR0419	LattePanda Win10 Developing Board 4GB/64GB (Unactivated)
DFR0470-ENT	LattePanda Win10 Developing Board 4GB/64GB with Enterprise License

## Key Milestones:

Discontinuance Date for the Last Product	2022/05/30
Effective Date of the Change	2022/06/06

## Description of the Changes:

- The Change of the Audio Chip

Due to the shortage of the Realtek ALC5651 I2S signal audio chip of the LattePanda V1 main board, to ensure the supply of the boards, the LattePanda team will use the substitute - CMEDIA HS-100B - as the USB signal audio chip in the following production.

Please refer to [[HS-100B Datasheet ver1.00.pdf](#)] for the specifications.

Compared to the previous one, the USB signal audio chip is more convenient, because it is driver-free in most operation systems.

OS	Version	Compatibility
Windows 10	Home	UVC Compatible
	Enterprise	UVC Compatible
Ubuntu	16.04LTS	UVC Compatible
	18.04LTS	*Incompatible
	20.04LTS	UVC Compatible

\*In the Ubuntu 18.04 LTS, the audio card may not be recognized. Now the LattePanda team is trying to solve this problem.

- The Increase of the Interfaces

After collecting the feedback from many users, we add two groups of through holes below the power switch and restart buttons. By shorting one group of the through holes, you can realize power switch or restart function, which makes externally controlling more convenient. Please check the layout in [[LattePanda V1 placement 20220520.pdf](#)].

LattePanda Team  
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