

LICHIFIT 5V 3PIN RGB VDG Conversion Cable

LICHIFIT 5V 3PIN RGB VDG Conversion Cable for GIGABYTE Motherboards

Model: 5V 3PIN RGB VDG Conversion Cable | Brand: LICHIFIT

INTRODUCTION

The LICHIFIT 5V 3PIN RGB VDG Conversion Cable is designed to enable compatibility between GIGABYTE motherboards featuring a 5V 3-pin VDG header and standard 3-pin Addressable RGB (ARGB) devices. This cable facilitates the connection, allowing users to synchronize RGB lighting effects across their system components.

PACKAGE CONTENTS

- 1 x LICHIFIT 5V 3PIN RGB VDG Conversion Cable (50cm length)
- 1 x Male 3-Pin Socket

SPECIFICATIONS

Feature	Detail
Brand	LICHIFIT
Model	5V 3PIN RGB VDG Conversion Cable
Voltage	5V
Cable Length	50 cm
Connector Type	3-pin (VDG to standard ARGB)
Material	Copper
Wire Diameter	0.51 Millimeters
Item Weight	0.01 Kilograms (approx. 0.317 ounces)
Package Dimensions	7.09 x 4.96 x 0.51 inches

INSTALLATION AND CONNECTION

**IMPORTANT SAFETY WARNING:** This cable is specifically designed for GIGABYTE motherboards with a 5V 3-pin VDG header. Connecting it to incompatible headers (e.g., 12V RGB headers or non-VDG 5V ARGB headers on other brands) can cause severe damage to your components, including burning or frying the motherboard and connected devices. Always consult your motherboard manual to confirm the correct header type and voltage.

Ensure your motherboard's VDG connector is set to 5V if it has a jumper for voltage selection. Incorrect voltage settings can lead to component failure.

### Step-by-Step Connection:

1. **Identify the VDG Header:** Locate the 5V 3-pin VDG header on your GIGABYTE motherboard. Refer to your motherboard's manual for its exact location and pinout. The VDG header typically has a specific pin configuration (V, D, G) and may be labeled as "VDG" or similar.
2. **Prepare the Conversion Cable:** The LICHIFIT conversion cable has two ends. One end is designed to connect to the GIGABYTE VDG header, and the other end is a standard 3-pin ARGB connector.
3. **Connect to Motherboard:** Carefully align the VDG end of the conversion cable with the VDG header on your motherboard. The cable has an arrow logo indicating the 5V pin. Ensure this arrow aligns with the 5V pin on your motherboard's VDG header. Incorrect orientation can cause damage.
- 4.

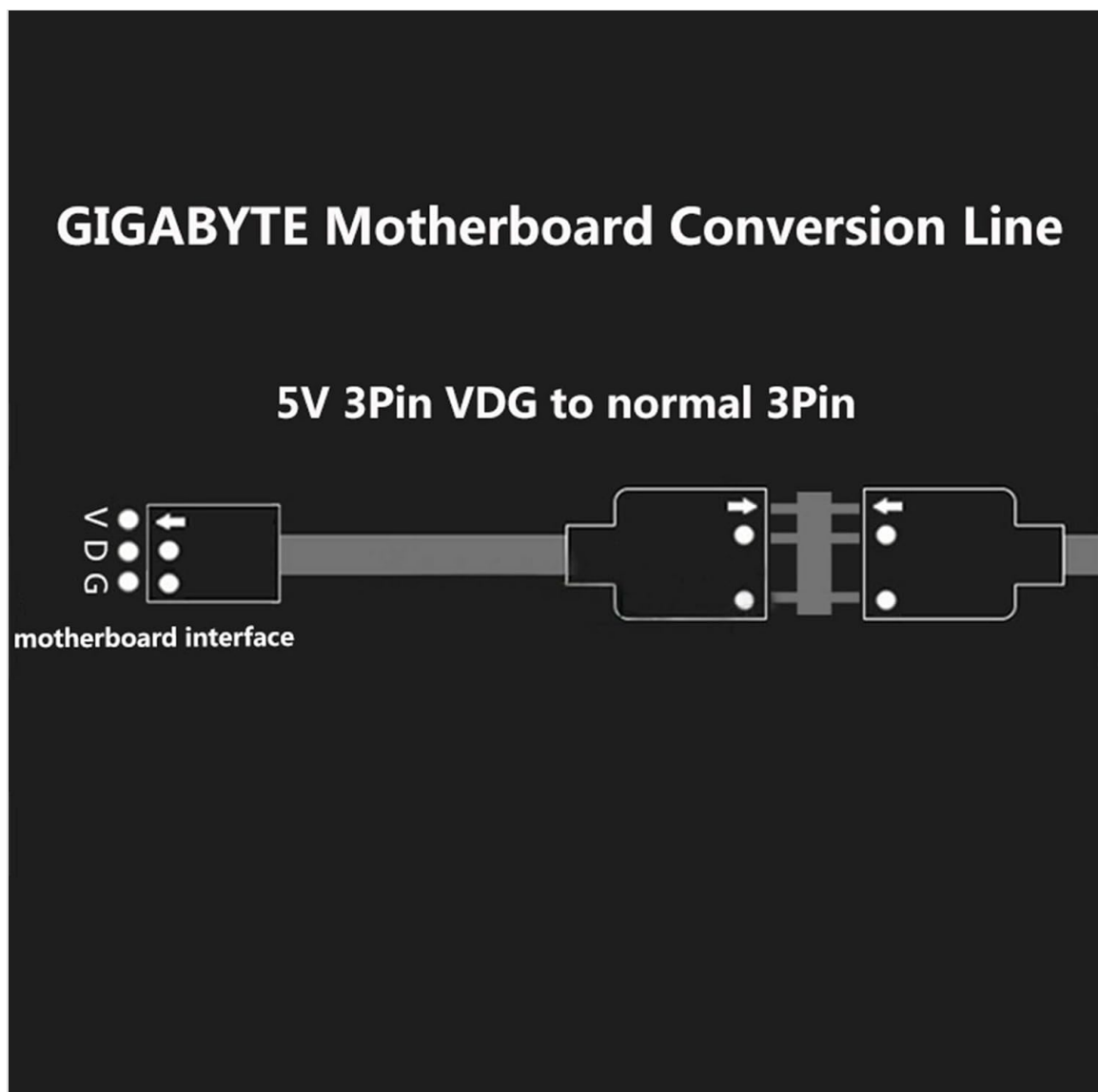
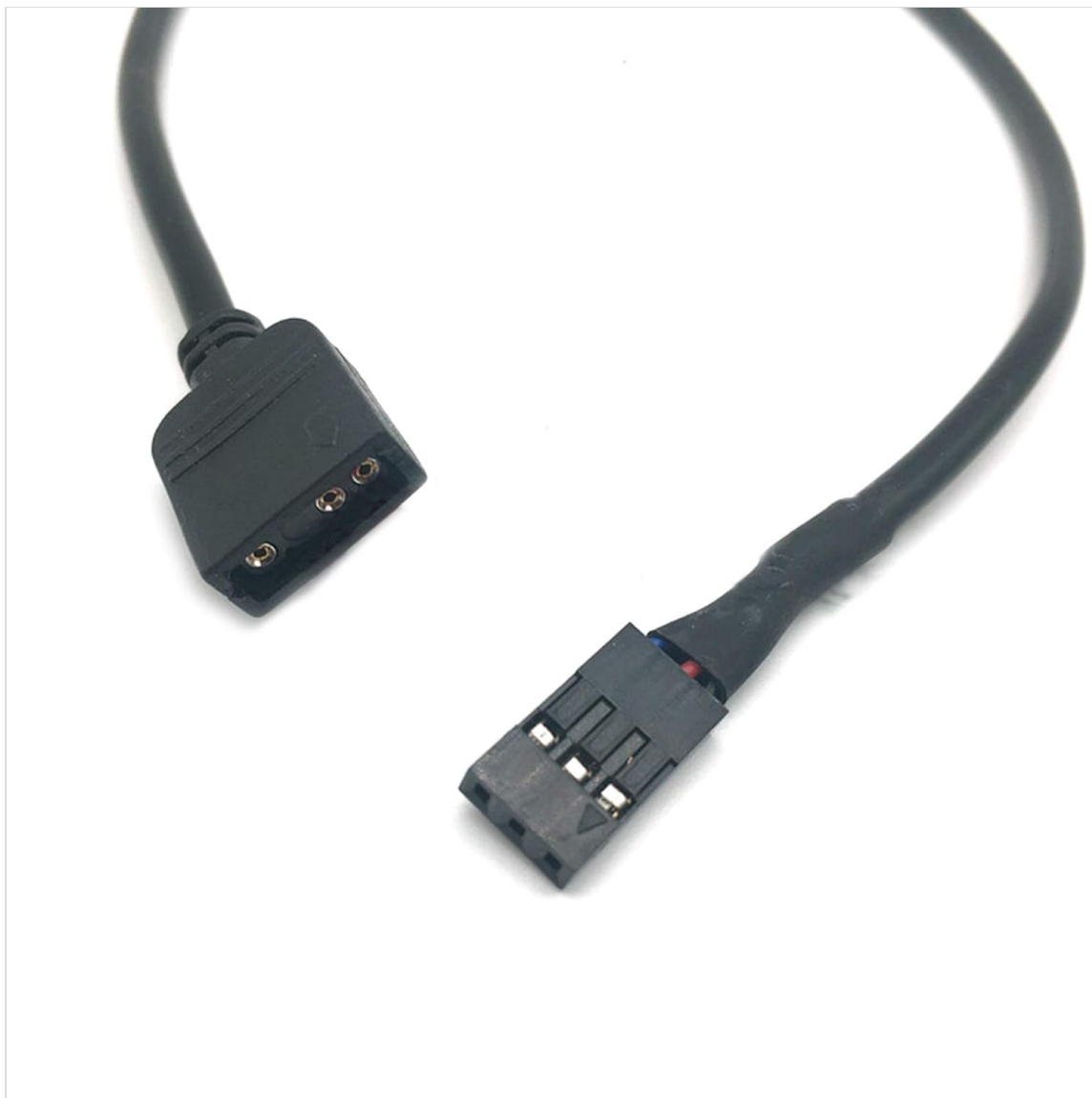


Image: Diagram illustrating the connection from a GIGABYTE VDG motherboard interface to a normal 3-pin ARGB connector, highlighting the VDG pinout and the conversion process.

5. **Connect ARGB Device:** Connect your standard 3-pin ARGB device (e.g., LED strip, fan) to the other end of the LICHIFIT conversion cable. Ensure the connection is firm.

6.



*Image: The LICHIFIT 5V 3PIN RGB VDG Conversion Cable, showing both the VDG connector and the standard 3-pin ARGB connector.*

7. **Optional Male 3-Pin Socket:** The included male 3-pin socket can be used if your ARGB device requires a male connector for the conversion cable.

8.



*Image: Close-up view of three male 3-pin sockets, which can be used to convert a female ARGB connector to a male one if needed for connection.*

## OPERATION

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Once the LICHIFIT conversion cable is correctly installed and connected to your ARGB devices, the RGB lighting effects will be controlled through your GIGABYTE motherboard's RGB software (e.g., RGB Fusion). Ensure the software is up-to-date for optimal performance and feature access.

## MAINTENANCE

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This conversion cable requires minimal maintenance. Ensure it is kept free from dust and moisture. Avoid bending or stressing the cable excessively, especially near the connectors, to prevent internal wire damage. Periodically check connections to ensure they remain secure.

## TROUBLESHOOTING

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- **RGB Lighting Not Working:**
  - Verify that the cable is securely connected to both the motherboard's VDG header and the ARGB device.
  - Double-check the orientation of the VDG connector on the motherboard. The arrow on the cable should align with the 5V pin on the VDG header.

- Confirm that your GIGABYTE motherboard's VDG header is indeed a 5V 3-pin VDG type, not a 12V RGB header or a different 5V ARGB standard.
- Ensure your motherboard's BIOS settings or jumper configurations (if applicable) correctly set the VDG header to 5V.
- Test the ARGB device with a known working ARGB controller or motherboard to rule out device malfunction.
- Update your motherboard's RGB control software (e.g., RGB Fusion) to the latest version.
- **Burning Smell or Component Damage:**
  - **IMMEDIATELY POWER OFF YOUR SYSTEM.**
  - This indicates an incorrect connection or incompatible voltage. Re-read the "Installation and Connection" section carefully.
  - Ensure the cable was connected ONLY to a 5V 3-pin VDG header on a GIGABYTE motherboard. Connecting to a 12V RGB header or an incompatible 5V ARGB header will cause damage.
  - Verify the arrow on the cable was correctly aligned with the 5V pin on the VDG header.
  - If damage has occurred, discontinue use and consult a qualified technician.

## WARRANTY AND SUPPORT

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Specific warranty information for the LICHIFIT 5V 3PIN RGB VDG Conversion Cable is not provided in the product data. For warranty claims or technical support, please contact the retailer or manufacturer directly. Keep your proof of purchase for any warranty-related inquiries.