

TM6DTC-NRF51
Operation description

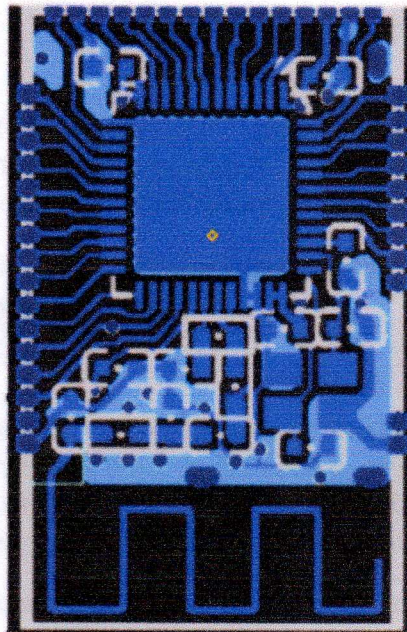
NRF51 is a RF module with can transmit and receive RF data for 2402~2480MHz with 40 channels for Bluetooth.

The TM6STC-GP200 is mounted on the main Board, the module are communicate eith main Board MCU and these data transmit and recire through TM6DTC-NRF51 module.

The module include the Nordic RF chip set, modulation Type is GFSK, power supply provid 3.3V to the module.

TM6DTC-NRF51

FCC ID:
TM6DTC-NRF51



15.21

You are cautioned that changes or modifications not expressly approved by the part responsible for compliance could void the user's authority to operate the equipment.

15.105(b)

This equipment has been tested and found to comply with the limits for a Class digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

Troubleshooting

If this equipment does cause harmful interference to radio reception, which can be determined by turning the equipment off and on, the user is encouraged to correct the interference by one or more of the following instructions.

- 1 Reorient or relocate the receiving antenna.
- 1 Increase the separation between the equipment and receiver.
- 1 Consult dealer or an experienced radio technician.

Conditions

Operation is subject to the following conditions

- 1 This device may not cause harmful interference.
- 1 This device must accept any interference received, including interference that may cause undesired operation.

FCC Caution

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the authority to operate equipment.

RF Exposure

This equipment must be installed and operated in accordance with provided instructions and the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter. End-users and installers must be provide with antenna installation

instructions and consider removing the no-collocation statement.

End Product Labeling

This transmitter module is authorized only for use in device where the antenna may be installed such that 20cm may be maintained between the antenna and users. The final end product must be labeled in a visible area with the following: **"Contains FCC ID: TM6DTC-NRF51"**

Manual Information to the End User

The OEM integrator has to be aware not to provide information to the end user regarding how to install or remove this RF module

in the user's manual of the end product which integrates this module. The end user manual shall

include all required regulatory information/warning as shown in this manual.

metal may not ens RF exposure guidelines.