



Repeater:

Configuration: Repeater has four modules, RF signal receiving and de-coding, MCU, PT2262 encoding and RF transmission and power supply.

Operation principles:

- 1) TDL9927 receives the RF signal. After Pt2272 de-codes the signal, the data are transferred to MCU
- 2) MCU processes the data, select and control the encoders. One encoder for receiver, another encoder for repeater down the link.
- 3) PT2262 encodes the data and address. After that, the waveform is modulated, amplified and transmitted through the antenna.
- 4) Power suppliers to supply the power needed for each module.