

## Operational Description of the equipment

This is a superregenerative receiver and the receiver part of a remote controller which is designed to use in a vehicle. The detailed circuit functions are described as below:

|                                 |                                |
|---------------------------------|--------------------------------|
| <b>PRODUCT</b>                  | Remote controller (TX)         |
| <b>MODEL NO.</b>                | Multi-IL                       |
| <b>POWER SUPPLY</b>             | 12Vdc(Battery)                 |
| <b>CABLE</b>                    | N/A                            |
| <b>I/O PORT/INTERFACE</b>       | N/A                            |
| <b>FREQUENCY BAND</b>           | 305.25MHz                      |
| <b>CARRIER FREQUENCY</b>        | 305.25MHz                      |
| <b>NUMBER OF CHANNEL</b>        | 1                              |
| <b>CHANNEL SPACING</b>          | N/A                            |
| <b>RF OUTPUT POWER</b>          | -25 dBm (eirp)                 |
| <b>I.F. &amp; L.O.</b>          | L.O 305.25MHz                  |
| <b>MODULATION TYPE</b>          | ASK                            |
| <b>BIT RATE OF TRANSMISSION</b> | 4 kbps                         |
| <b>ANTENNA TYPE</b>             | Loop Antenna integrated on PCB |