

1. SET NAME ; RF RECEIVER

2. MODEL No ; MRF-100

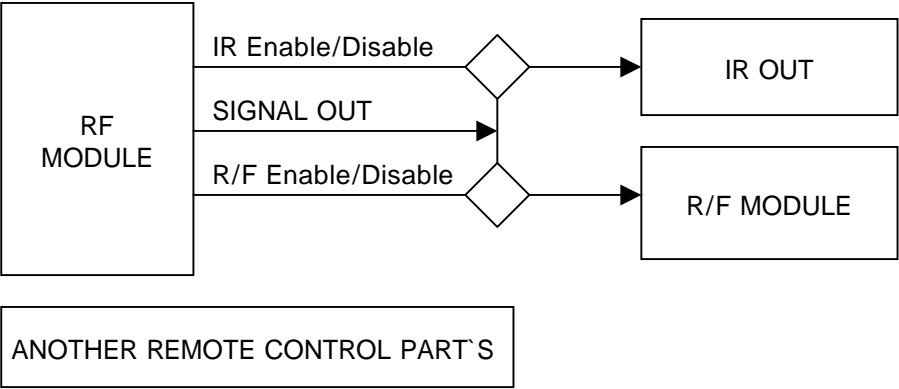
3. SUMMARY

THIS PRODUCT IS A KIND OF RECEIVER THAT TRANSMIT DEMODULATED SIGNAL WITH IR LED AFTEN RECEIVING ELECTRONIC WAVE OF UHF SIGNAL(418KHz)

4. Electrical Characteristics

PARAMETER	UNIT	Min	Typ	Max	CONDITION&REMARK
Operating Voltage	V		9.0	12.0	User DC Adaptor
Operating Current	mA	8	10	12	Rms
Center Frequency	MHz	417.5	418.0	418.5	
IR LED Frequency	KHz	37	38	39	IR LED OUT

5. R/F RECEIVER BLOCK DIAGRAM & OPERATING SYSTEM



1)FIXING BOTH RF AND IR  
> THE SIGNAL OUT GENERATE ID INFORMATION FIRST AND SIGNAL TO CONNECT SIGNAL OUT LINE TO “IR MODULE” AND “RF MODULE” SIMULTANEOUSLY.  
DEFAULT STATE IS ON STATE OF “IR OUT - BUILT IN” AND OFF STATE OF “IR OUT - 1~6 BUILT OUT”