Chipsmall

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

5.2 RF Telemetry Evaluation Kits

- Remote Telemetry Evaluation
- AM and FM & IR Technology
- 4 Digital Outputs
- RS232 Output of Transmitter Keyfob
- Range Testing
- Target Environment Testing
- Antenna Evaluation
- Uses RF600E, RF600D (Keeloq)
- Remote Switching

The RFEVAL2 / RFEVAL3 are hardware development platforms designed to assist the engineer design a remote telemetry application.   Each project uses the advanced RF600E and RF600D Keeloq protocol and a variety of radio modules. Our aim with this Evaluation kit is to assist the engineer in designing a remote telemetry application with optimum Range.

The following projects may be studied
1.   AM Remote Control using pocket keyfob, & AM-HiRK-433 with 3 digital outputs
2.   AM Remote Control using pocket keyfob, & AM receiver with decoder IC (digital outputs)
3.   AM Remote Control using pocket keyfob & AM receiver module with decoder IC to RS232 data output
4.   FM Remote Control using FM hand held transmitter & FM receiver with decoder IC (digital outputs)
5.   FM Remote Control using FM hand held transmitter & FM receiver with decoder to RS232 data output

RFEVAL3 consists a Receiver decoder board (SA123) using the RF600D, this requires the relevant RF Receiver module and antenna to generate a complete receiver Decoder (this is an RF600D design)
Contents List:

Item	Part No	Description	Qty
1	SA123	Telemetry Receiver Decoder Board	1
2	BATT-PP3	PP3 Battery	1

RFEVAL2 : RFEVAL3 and all components required to complete all projects are supplied.
Contents List:

Item	Part No	Description	Qty
1	AM-110C3-433	pocket keyfob transmitter433MHz, 3 Switch	1
2	102C4-433F	FM Transmitter/Encoder 433MHz, Hand Held, 4 Switch	1
3	SA123	Telemetry Receiver Decoder Board (complete)	1
4	AM-HRR3-433	Receiver 'Hybrid' Module AM 433MHz, SIL	1
5	AM-RRS3-433	Receiver 'Hybrid' Module Super Het, AM 433MHz, SIL	1
6	AM-HiRK-433	Rx/Decoder AM Superhet 433MHz SIL Hybrid	1
7	FM-RRFQ1-433	FM Receiver 433MHz	1
8	FLEXI-M4-433	¼ Wave Antenna	1
9	PHC-M4-433	Helical Antenna	1
10	BATT-PP3	PP3 Battery	1

Part No	Description	Datasheet
RFEVAL3R1	Telemetry Evaluation Board	
RFEVAL2-315R1	Telemetry Evaluation Kit 315MHz	DS123
RFEVAL2-433R1	Telemetry Evaluation Kit 433MHz	