

9502

1. (Frequency Range):902.5~927MHz.
2. (Type of Modulation):AFSK.
3. (Channels):50
4. (Occupied Bandwidth):0.6MHz.
5. (Channel Separation):0.5MHz.
6. (RF Output power): <30dBm.
7. (Antenna type):External Antenna.(8dBi)
8. (Data rate):125kbps Max.
9. Frequency hopping NO.: Select 1 channel from the 16 channel.
10. Power :DC 9V3A by Adapter(ADS-18H-12-2 0918G).

Frequency hopping spread spectrum (AFSK) system works by hopping from one. In the product work, a channel is selected to communicate with it. When the current channel is operated by the outer environment, the next channel is randomly selected to communicate with it. The sequential hops is no any order can follow, is completely random.

Pseudorandom Frequency Hopping Sequence Table as below:

Channel:

02, 40, 24, 25, 26, 44, 27, 07, 03, 38, 45, 46, 12,15 , 01, 32,
 33, 34, 11, 04, 13, 14, 06, 17, 42, 43, 18, 19, 20, 21, 22, 23,
 28, 29, 30, 49, 35, 09, 16, 31, 05, 36, 37, 08, 39, 10, 41, 47,
 48, 50.

The system receiver have input bandwidths that match the hopping channel bandwidths of their corresponding transmitters and shift frequencies in synchronization with the transmitted signals.

Channel List

Channel List					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
01	902.5	19	911.5	37	920.5
02	903	20	912	38	921
03	903.5	21	912.5	39	921.5
04	904	22	913	40	922
05	904.5	23	913.5	41	922.5
06	905	24	914	42	923
07	905.5	25	914.5	43	923.5
08	906	26	915	44	924
09	906.5	27	915.5	45	924.5
10	907	28	916	46	925
11	907.5	29	916.5	47	925.5
12	908	30	917	48	926
13	908.5	31	917.5	49	926.5
14	909	32	918	50	927
15	909.5	33	918.5		
16	910	34	919		
17	910.5	35	919.5		
18	911	36	920		