Lorex Technology Inc

IC : 8575A-LW3211

The ZM2441PA07 module is designed for 2.4GHz ISM band with wireless applications using AMICCOM's A7130 FSK/GFSK transceiver and PA AP1110 RF IC. This module features a fully programmable frequency synthesizer by SPI. The data rate is 4Mbps.

Channel No.	Frequency (MHz)	Channel No.	Frequency (MHz)
1	2408	2	2412
3	2416	4	2420
5	2424	6	2428
7	2432	8	2436
9	2440	10	2444
11	2448	12	2452
13	2456	14	2460
15	2464	16	2468

A frequency hopping spread spectrum system works by hopping from one frequency channel to another in a known sequence out of a select group of channels.   The system frequency hops between 16 channels.

For example, for the hop pattern of 2408 MHz, 2420MHz, 2416 MHz, 2424 MHz, 2440MHz , 2448MHz , 2468MHz, 2432MHz , 2412MHz , 2460MHz , 2444MHz , 2464MHz , 2428MHz , 2452MHz , 2456MHz and ect...

the sequential hops are +12MHz.-4MHz,+8MHz,+16MHz,

+8MHz,+20MHz, -36MHz , -20MHz , +48MHz , -16MHz , +20MHz ,

-36MHz , +24MHz ,+4MHz and ect

If you have any question please contact us.

Client's signature
Client's name / title   : Niles   Kanapathipillai /Director, Quality Assurance
Contact information / address   : 250 Royal Crest Court Markham, ON L3R 3S1
Canada