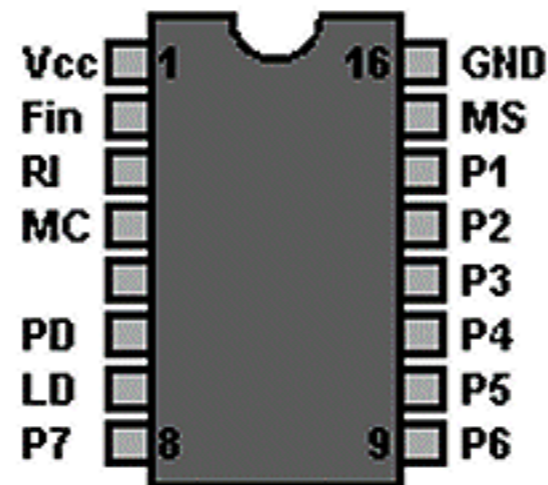


M58476

NDC40013

PLL Frequency Synthesizer



Overview

This 27 MHz band, PLL frequency synthesizer LSI chip is designed specifically for CB transceivers. The integrated circuit's incorporates PLL circuitry and a controller for CB applications on a single CMOS chip.

This PLL-circuit use a 6 bit BCD binary programmable divide-by-N counter.

Pin	Name	Description
1	Vcc	Positive Supply Voltage
2	F in	VCO Frequency Input
3	RI	Reference Oscillator Input
4	MC	
5		Connect to Vcc
6	PD	Phase Detector Output
7	LD	Loop Detect - Unlocked=LOW Locked=HIGH
8	P7	Programmable input 7
9	P6	Programmable input 6
10	P5	Programmable input 5
11	P4	Programmable input 4
12	P3	Programmable input 3
13	P2	Programmable input 2
14	P1	Programmable input 1
15	MS	Mode Select - HIGH=10kHz LOW=5kHz
16	GND	Ground