



LC7131	c-mos LSI	CIRCUIT DRAWING No.4049
PLL FREQUENCY SYNTHESIZER LSI FOR 27MHz CB TRANSCEIVERS		 3008A


Use
 ■ PLL frequency synthesizer LSI for 27MHz CB transceiver (U.S. standard, 40ch)

- Functions and Features**
- Built-in high speed programmable divider for direct PLL system.
 - PLL out-of-lock output available to inhibit transmission.
 - Instantaneous call capability of channel 9, 19
 - Built-in detecting circuit of mis-program.
 - Built-in amplifier for crystal oscillator.
 - Built-in amplifier for active low-pass filter.
 - BCD code channel selection. (Pull-down resistors included)


LC7132	c-mos LSI	CIRCUIT DRAWING No.4050
PLL FREQUENCY SYNTHESIZER LSI FOR 27MHz CB TRANSCEIVERS		 3021B

Use
 PLL frequency synthesizer LSI for 27MHz CB transceivers (U.S. standard).

- Functions and Features**
- Built-in high speed programmable divider for direct PLL system.
 - Doubled-frequency of VCO applicable as transmitting frequency carrier.
 - PLL out-of-lock output available to inhibit transmission.
 - Instantaneous call capability of channel 9.
 - Built-in detecting circuit of mis-program.
 - Built-in amplifier for crystal oscillator.
 - Built-in amplifier for active low-pass filter.
 - 7-segment code channel selection. (allowable voltage 15V)

LC7150	c-mos silicon gate LSI	CIRCUIT DRAWING No.4051
PLL FOR CORDLESS TELEPHONE		 3007A

- Functions**
- On-chip PLL for transmission/reception
 - On-chip digital unlock detector (only PLL for transmission)
 - 5.0kHz/4.4kHz output pins for guard tone
 - Standby function

LC7181,7191	c-mos LSI	CIRCUIT DRAWING No.4052
CB TRANSCEIVER CHANNEL SELECTOR SYSTEM		 3008A

LC7181,7191 construct 40 channel CB transceiver channel scanning system. The former has an up/down counter for channel memorizing and ROM

for channel output, and the latter has a decoder of channel indication and LED driver.

- Features**
- 40 channel transceiver channel selecting is available by the next means:
 - a. manual scanning
 - b. auto-scanning
 - c. auto-searching
 - In the case of the scanning which has indicator on the microphone, connection between a main body and a microphone is realized by means of more added five lines.
 - Few noise occurrence because of static driving of LED.
 - Capable of instant calling of channel 9 (emergency)
 - Stops the channel scanning operation at transmitting.
 - 'PA' indication available in the use as a loud speaker.
 - Contains LED driver capable of static-driving LED.

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