

CK	REV.	DESCRIPTION		DATE	APPROVED		
	X	REVISED PER ECO #					
				Linear		CARLSBAD, CA	
				TITLE SPECIFICATIONS, ITIFOB01 KEYFOB TX			
		DRAWN B. NYHUS	DATE 28MAY13	SCALE NONE			
NEXT ASSY	USED ON	ENGINEER					SIZE A
APPLICATION		CHECKED		FILE NAME		SHEET 1 OF 2	

ITI/GE keyfob transmitter
Model: ITIFOB01

1.0 DESCRIPTION

The ITIFOB01 is a four channel, keyfob type transmitter operating as a low power communication device. The center frequency is 319.508 MHz. The data output is formatted for use with ITI/GE security consoles. The transmitter case is black plastic, and has four silicone buttons on the front.

Two lithium coin cell batteries, type 2025, are included. A mounting bracket/belt clip is included. The batteries should last about 5 years under normal use.

2.0 FUNCTION

The ITIFOB01 is activated by pressing any one of the four buttons. Until activation, microprocessor, U1, is in sleep mode. Upon activation, U1 wakes up and outputs the data signal to transmitter IC, U2. U2 outputs the signal through the antenna which is a an etched trace on the PC board.

3.0 SPECIFICATIONS

Product Identification:	ITIFOB01 four channel mini transmitter
Encoding Format:	ITI/GE security.
Encoding Technique:	Transmitters are coded with transmitter ID number.
Number of Channels:	Four.
Transmit frequency	319.508.00 MHz \pm 8kHz
Power Requirements:	Two 2025 3 volt batteries.
Visual Indicator:	Red LED.
Operating Temperature:	0° C to +70° C. Tested -30° C to 70° C.
Size:	2.25" x 1.3" x 0.5" (approximately).
Current Consumption:	12 mA (average) transmitting. <.5 uA Standby.

All specification are nominal unless otherwise noted.