UHF Narrow Band Single Channel Transmitter

CDP-TX-04S

CDP-TX-04S is low power narrow band radio module for wireless communication operating in the European 434/869 MHz ISM band

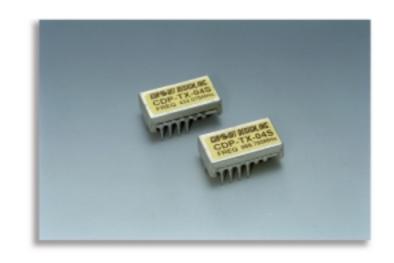
It was developed for use of battery powered mobile application that requires longer operation range. The size of the module is less half of conventional transmitter module.

Feature

- * Compact size 22x12x6mm 1.6cc
- * Low voltage operation 2.2-5.5V
- * Low current consumption 20mA
- * Data rate 4,800bps
- * Fast start up time 5msec
- * EN300 220 Compliance

Application

- * Remote control system
- * Telemetry system
- * Social alarm system
- * Security alarm system
- * Paging system



Specifications

Item	Specification	Condition
Communication form	One way	
Oscillation system	PLL controlled fix channel	
Frequency	433.920 / 434.075MHz	
	868.150 / 869.750MHz	
Number of channels	Single(fixed)	
Frequency stability	+/-4ppm	-10 to +60 degree C
	+/-8ppm	-20 to +65 degree C
Frequency response	DC to 2.4kHz	
Data rate	4,800bps (max)	
perating temperature range	-10 to +60 degree C	
RF output power	433MHz : 10mW +/-2mW	50ohms
	868MHz : 5mW +/-1mW	
Transmitter start up time	5msec	
Modulation	FM narrow	
Modulation polarity	Positive	
Deviation	+/-2.5 to 3.0KHz	
Spurious emission	<-50dBm	
Adjacent channel power	<200nW	4800PN code
Supply voltage	2.2 to 5.5V	
Supply current	20mA (TYP)	2.2V 10mW
Dimension	22mm x 12mm x 6mm	
Weight	3.44g	

Specifications are subject to change without prior notice

