

## 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 434/869MHz 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)	
Operating 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

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