

# H34A Wireless Transmitter

433/315Mhz

## Item Info

### General Information :

H34A is a tuning free, low cost, well intergrated receiver, it is a perfect option for RF RC products. It consists brand new RF IC, features small size, high sensitivity,low power consumption, low second harmonic, and is FCC CE ROHS approval. H34Ais perfect replacement for traditional super-regenerative and superheterodyne solution



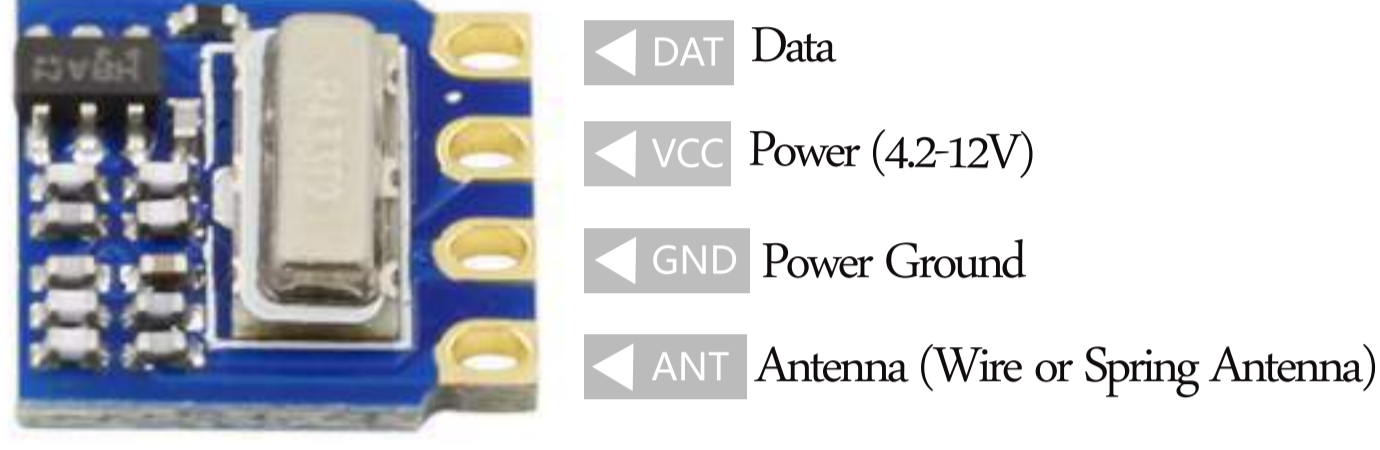
Smallest in size in Market

Quick Reference Data	
Name	H34A Transmitter
Dimension	10.5*10.5*2.6mm
Brand	LCHSTAR
Frequency	315/433Mhz Optional
Modulation	ASK
Supply Voltage	4.2 ~ 12V

## Product Appearance



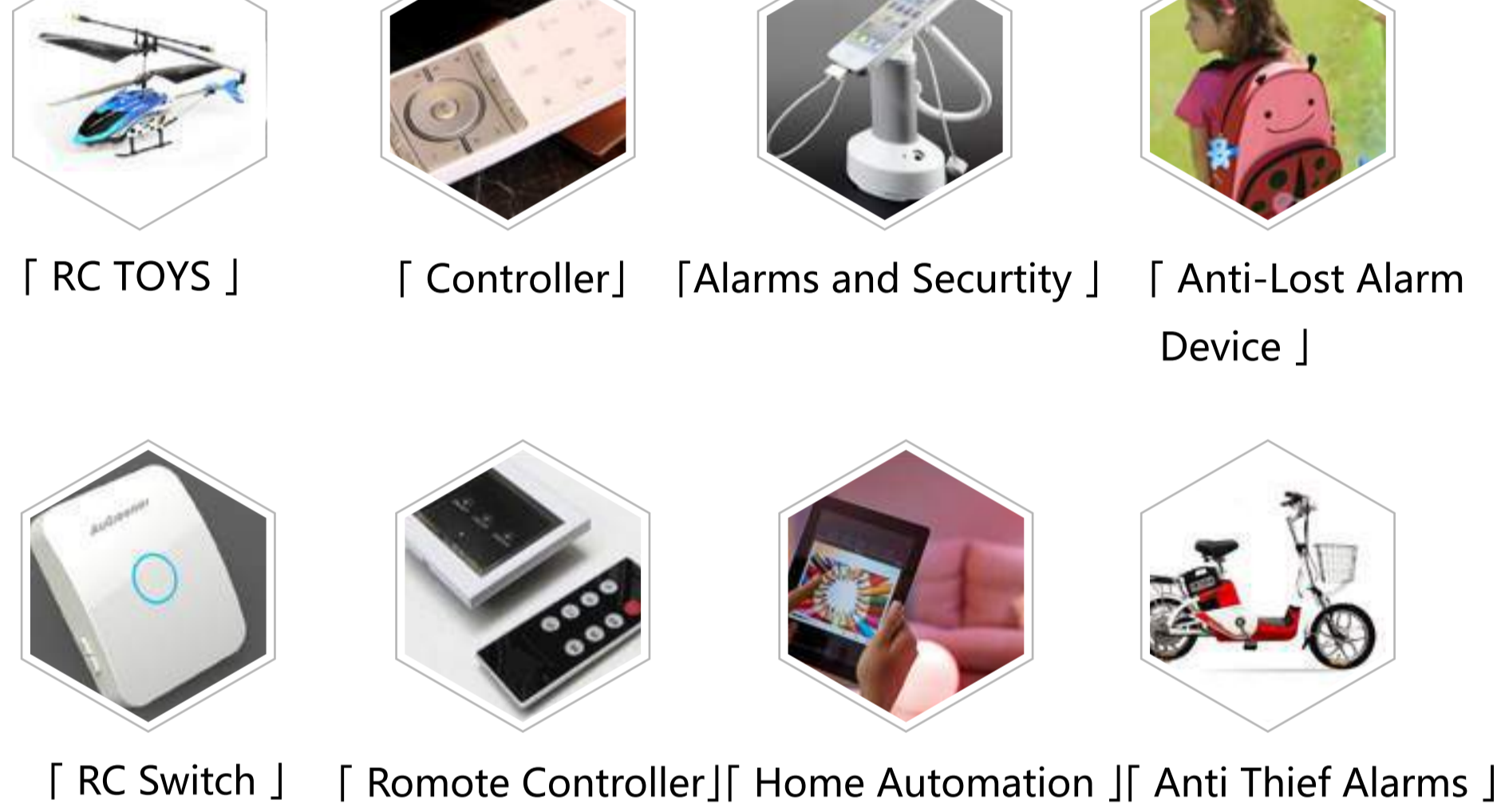
## Pin Description



## Features

- Small Size**  
10.5\*10.5\*2.6mm
- Large Power Output**  
15dbm@12V
- Voltage Range**  
4.2V~12V
- Low Power Consumption**  
7mA@3V
- Pure Spectrum**  
built-in harmonic restraining
- High Data Rate**  
Max 4.8kbps , well fit large data
- Good performance under different Enviroment**  
-45-85°C
- Exellent Supply Chain**  
Millions items in stock

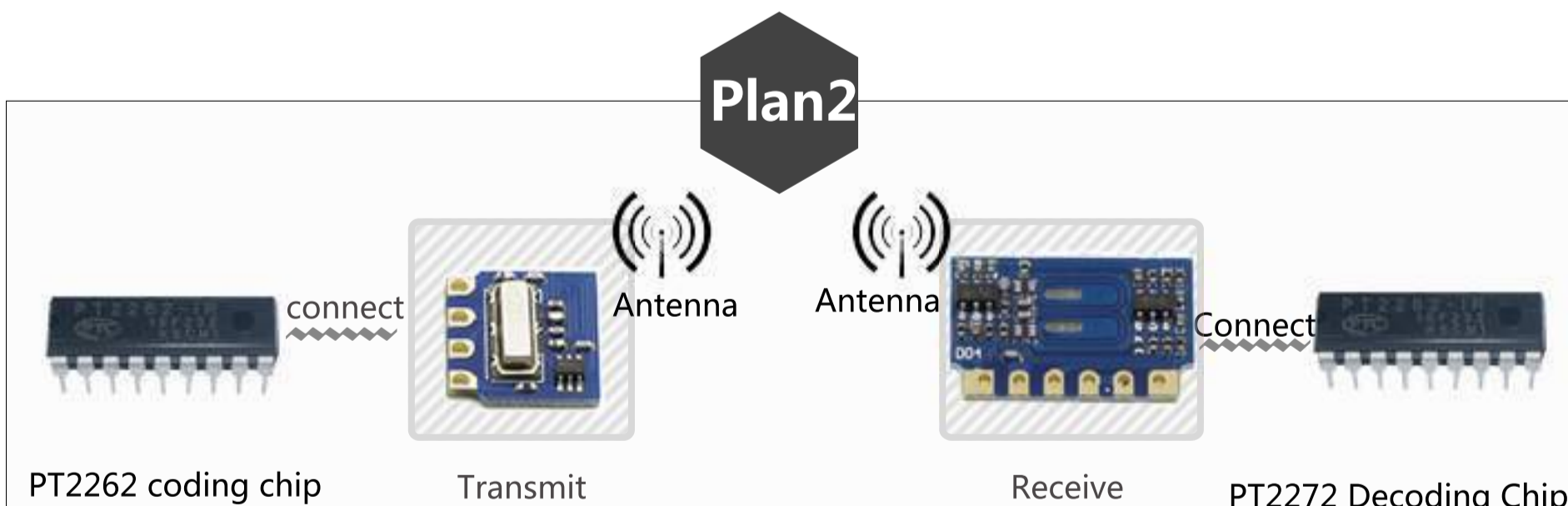
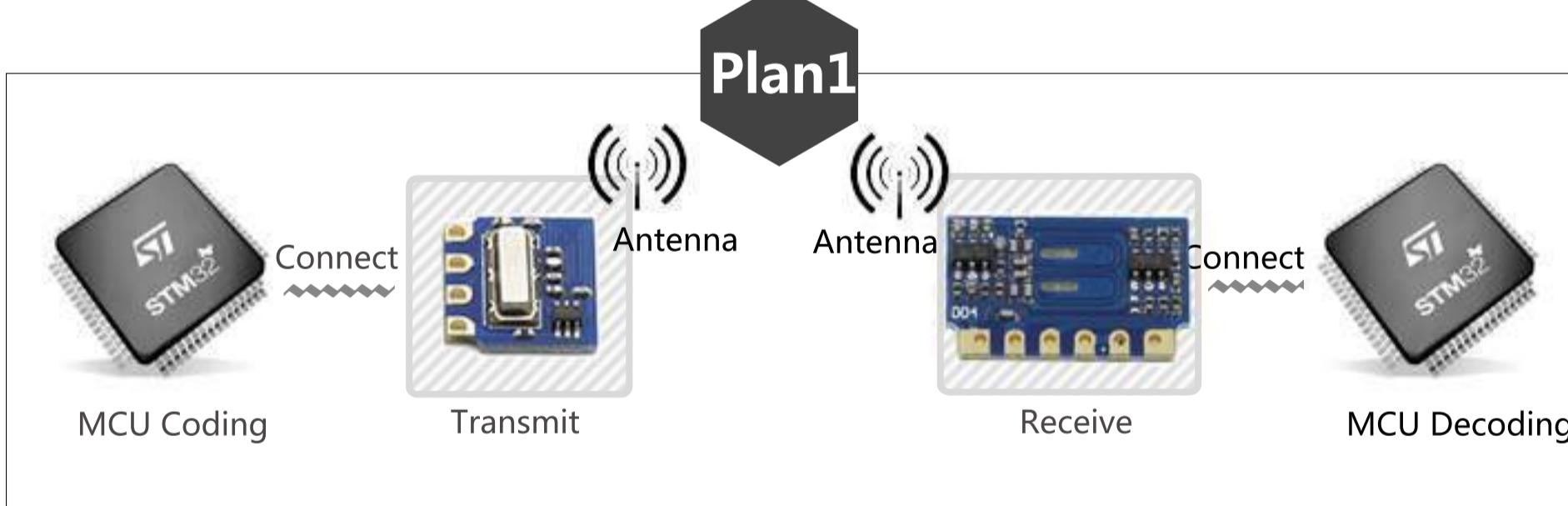
## Applications



## Parameter

Parameter	Min	Typical	Max	Unit	Condition
Supply Voltage	4.2	12	13	V	
Working Temperature	-45	25	+85	°C	
Supply Current		7		mA	3V supply
Transmit Frequency Offset		±75		kHz	

## Connection Type



Notice: Recommend Plan 2, easy set up and long distance, plan 1 requires programming for coding/decoding.

## Attentions

- DAT pin compatible with CMOS, directly connect to decode chip or SCM.
- 2 kinds supply voltage , frequency are available for 315MHZ/433MHZ
- Work with Antenna : A.Wire antenna:433MHZ --17cm wire , 315MHZ--23cm wire, B.Spring Antenna
- Recommend volatge 12V, longest distance

## Best option for RC products

Low power consumption, current: 7mA , 0 consumption while no Data



lastest version RF receiver IC

- Small size, large power with 15dBm@12V
- Special FR4 material.out perform normal PCB
- Surface-Acoustic-Wave Resonators to lock frequency, accuracy 75Khz
- Compatible with many decode chips