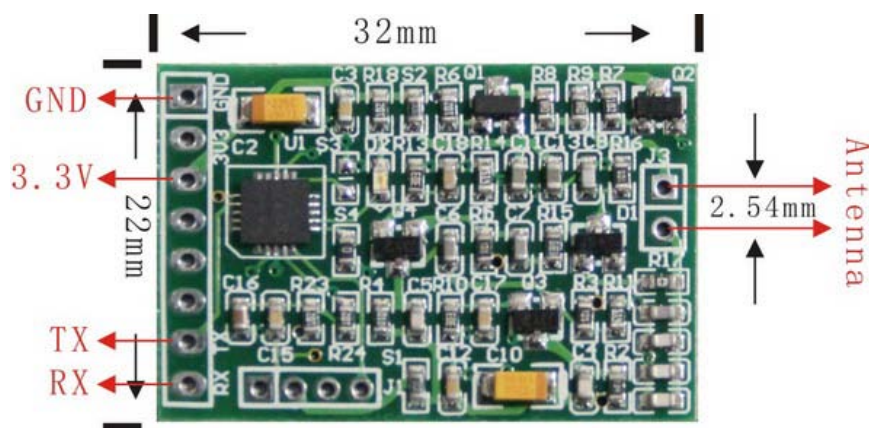


The animal labels of the D-Think\_M30Z134 low power reading module

Application Notes:

D-Think M30Z134 embedded module is independently developed by Guangzhou D-Think Technologies Inc. It is a ID read/write module with 134.2Khz frequency which supports ISO11784/11785&Compatibility protocol. This module is designed for PDA or other handheld devices. It is simple to operate for completing read and write through simple UART commands. D-Think M30Z134 module is small size, wide operating voltage and easily embedded into handheld devices.



Feature:

- Support ISO11784 / 5 standard
- FDX-B format output
- Support EM4150 and EM4305, HITAG-S and other animals formats compatible card
- 2.7-3.6V low-power operation
- Compact, easy to operate

Use:

- Suitable for portable devices, such as: meter reading, data logging devices, netbooks
- The animal tag data acquisition

Specifications

Product Model	D-Think_M30Z134
Operating frequency	134.2KHz
Standard	ISO 11784/85 FDX-B
Support tab	EM4150 and EM4305 HITAG-S animal format compatible card
Read Distance	3-15CM (depending on the antenna structure and use of the environment)

## Product – Datasheet

# D-Think®

Communication interface	TTL, convenient connection with the microcontroller or embedded system
Operating voltage	2.7-3.6V
Operating current	Standby current: 1.6mA; Operating Current: 70mA
Operating Temperature	-10 °C -70 °C
Size	22 * 32mm
Baud Rate	9600bps
Operating Temperature	-25 - +85 °C
Storage Temperature	-40 - +125 °C
Applications	Animal identification, handheld devices, etc.

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