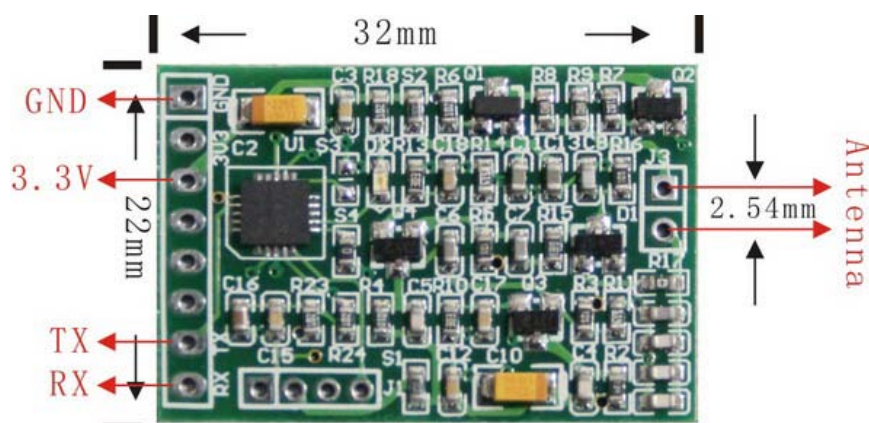# Product – Datasheet

D-Think®

Application Notes:

D-Think M30L125 embedded module is independently developed by Guangzhou D-Think Technologies Inc. It is a ID read/write module with 125Khz frequency which supports EM,TK&EMID-Compatibility Chips. 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 M30L125 module is small size, low-power and easily embedded into PDA or other handheld devices.

Feature:

● Support EM, TK, and other formats compatible card Proximity

● 2.7-3.6V low-power operation

● Compact, easy to operate

Use:

● Suitable for portable devices, such as: meter reading, data logging devices, netbooks

● Other embedded applications

Specifications

Product Model	D-Think_M30L125
Operating frequency	125KHz
Standard	EMID
Support tab	EM, TK, and other formats compatible card Proximity
Read Distance	3-15CM (depending on the antenna structure and use of the environment)
Communication interface	TTL, convenient connection with the microcontroller or embedded system
Operating voltage	2.7-3.6V

Product – Datasheet

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Operating current	Standby current: 1.6mA; Operating Current: 70mA
Operating Temperature	-10 ℃ -70 ℃
Size	22 * 32mm
Baud Rate	9600bps
Operating Temperature	-25 - +85 ℃
Storage Temperature	-40 - +125 ℃
Applications	Suitable for portable devices, such as: meter reading, data logging devices, netbooks Other embedded applications

Subject to technical modifications   2013.01.16