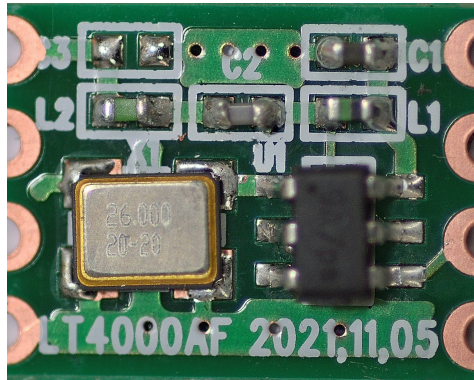


# **LT400AF**

**FM transmitter module**

**Data Sheet**



**Revision 1.0**



**에코기술**

## - LT4000AF FM, AM transmitter module Data Sheet -

LT4000AF FM, AM transmitter module은 초소형이면서 저전압 및 저전류로 동작 가능하게 설계되어 밧데리에 의한 data통신에 적합한 FM,AM 겸용 transmitter module 입니다.

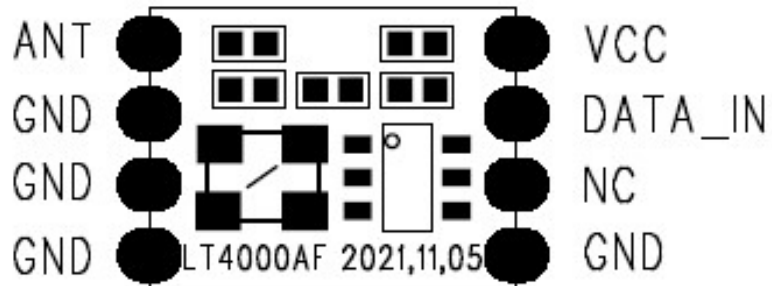
### 1. Application :

- . Remote keyless entry.
- . Low power telemetry system.
- . Alarm and security system.
- . Remote controls.

### 2. Specifications :

NO	Item	specifications
1	Center frequency	447.900Mhz ( $\pm 2$ KHz 이하, option)
2	Operation power	DC 1.8 ~ 3.6V
3	Operation Temp./ Humidity	0 ~ 80℃, 80% RH
4	Stand-by current	< 1uA
5	Operating current	36.5ma(dc 3V)
6	Output power	10dBm(output impedance 50 $\Omega$ )
7	Start up time	< 1msec
8	Spurious emissions	-40dBm
9	Modulation	3.5KHz (option)
10	Size	10.5mm X 8.5mm

### 3. PIN Connection:



#### 1) Pin header

PIN NO	Description
VCC	Power input (DC 1.8 ~ 3.6V)
DATA_IN	TX data input & TX enable
NC	Non connection
GND	Set grond
ANT	Antenna

\* **TX data** 입력시 프리앰블을 충분히 입력(10개이상)후 **data** 입력바랍니다.

\* 안테나 타입 : 내장형 **PATTERN** 안테나.

DATA_IN	TX data input & TX enable
---------	---------------------------