

# ME310G1

## LTE-CAT.M1 내장형 모뎀 사양서

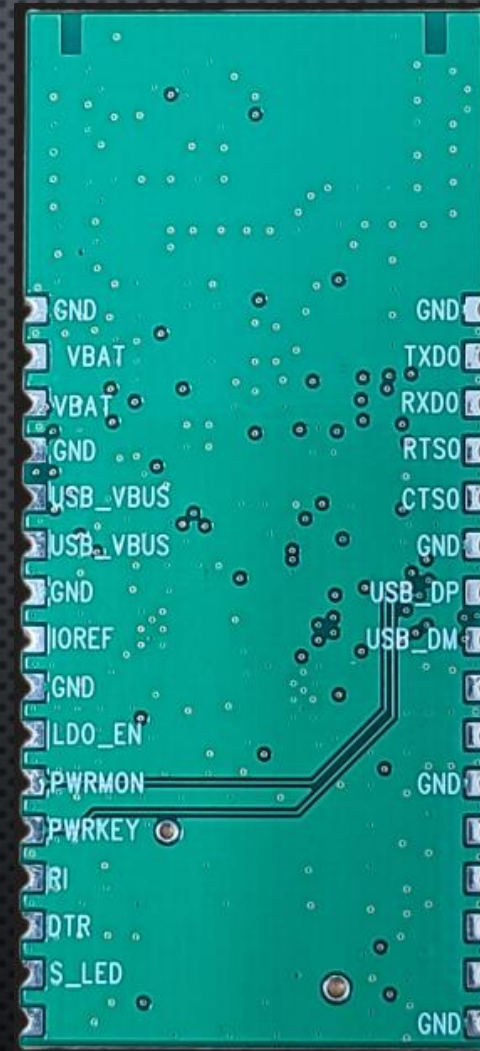
CODEZOO  
2025.02.17 VERSION 1.0



# 모뎀 Design



TOP



BOTTOM



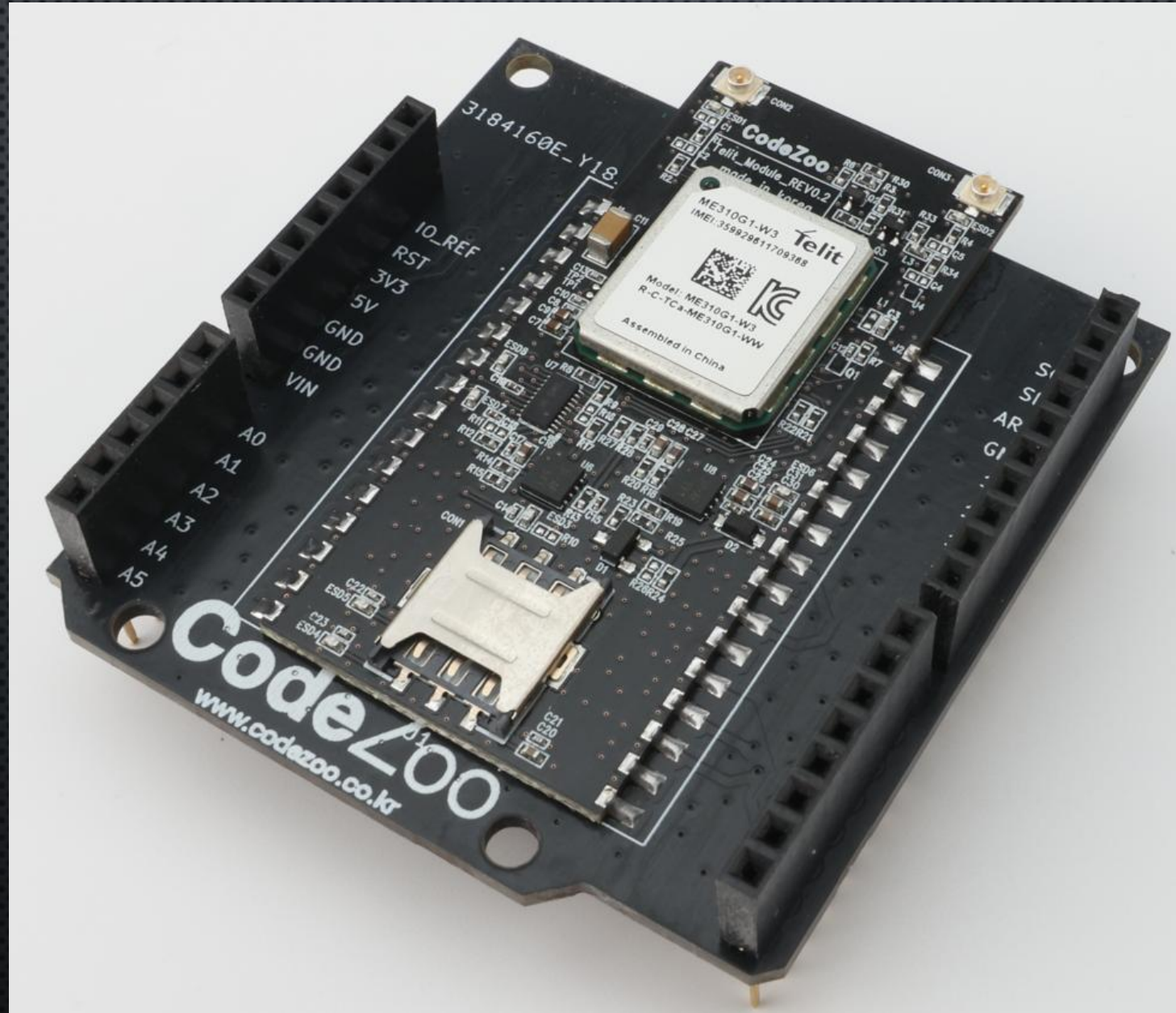
# 모뎀 Design



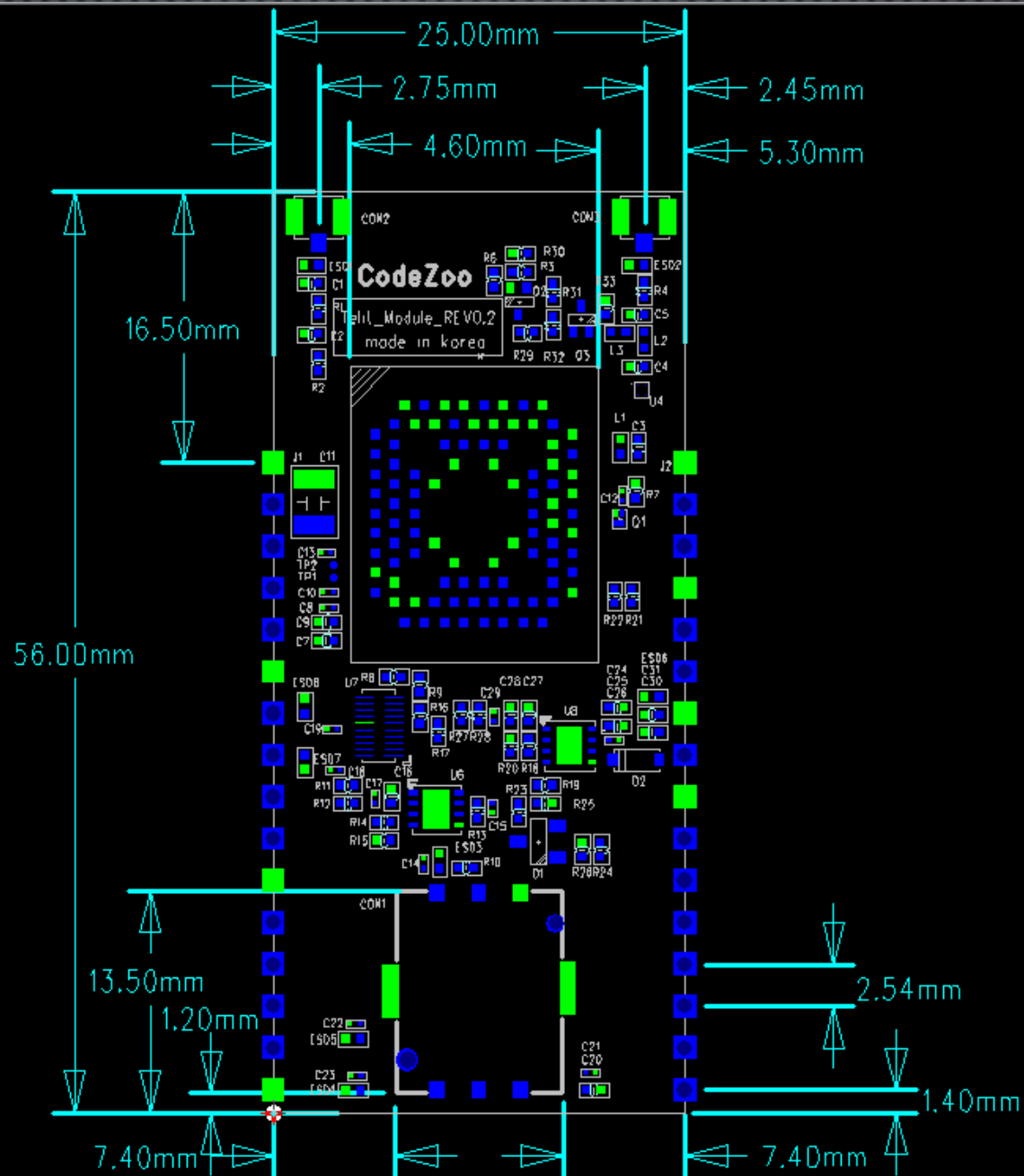
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# 모뎀 Design



# 모뎀 Dimension





LTE ANTENNA

GNSS ANTENNA

GND

TXD0

RXD0

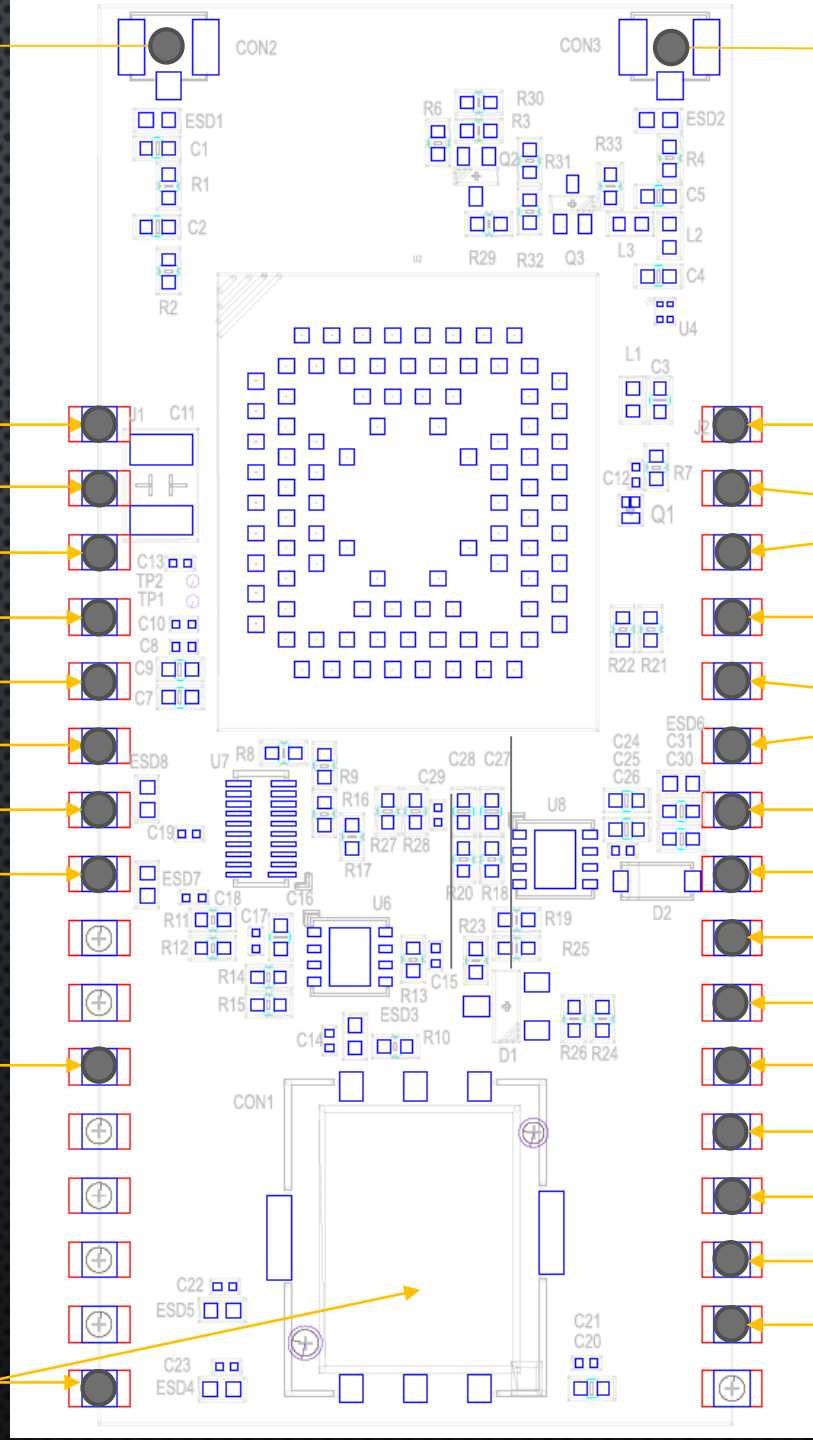
RTS0

CTS0

USB\_DP

USB\_DM

Nano Sim Socket



GND

VBAT

USB\_VBUS

IOREF

LDO\_EN

PWRMON

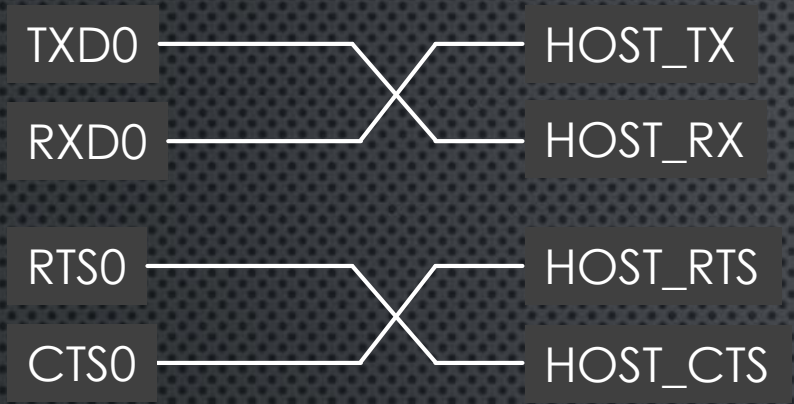
PWRKEY

RI

DTR

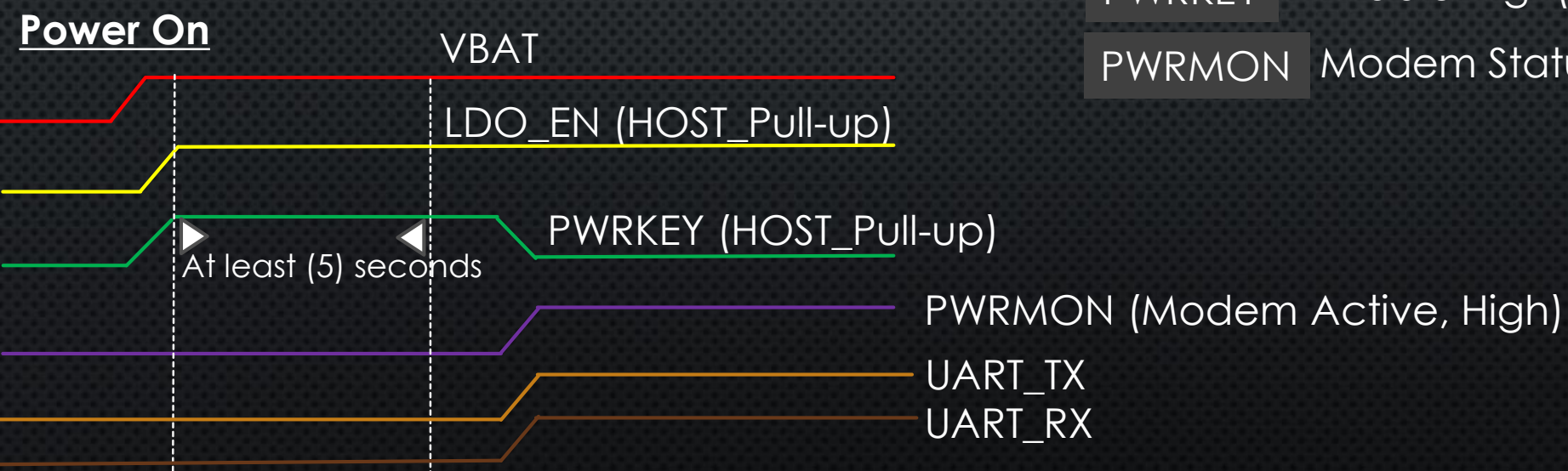
S\_LED

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Baudrate > 115200bps 경우  
반드시 연결할 것

- VBAT 1.6~6.0V, 5V 1A 이상 권장
- IO\_REF HOST I/O 전압 연결
- LDO\_EN Enable High(Default, LOW)
- PWRKEY Enable High(Default, LOW)
- PWRMON Modem Status (Active, HIGH)





# 모뎀 Specification

구분 (classification)	규격 (Standard)
1. 제품명 (Product Name)	ME310G1 LTE-CAT.M1 Board
2. 제품 모델명 (Product Model)	CZ-ME310G1
3. 제품 제조사 (Product Manufacturer)	CodeZoo
4. 통신모듈 모델명/제조사 (Module Model/Vendor)	ME310G1-W3 / Telit Cinterion
5. 통신칩셋 모델명/제조사 (Chipset Model/Vendor)	MDM9205 / Qualcomm
6. 외형크기 (Dimension) [단위: mm]	Width(25.0)*Height(56.0)*Depth(1.4)
7. 기능용도 (Function-Use)	LTE통신 모듈, GNSS내장(GPS, GLONASS, Beidou, Galileo)
8. 연결 (Interface)	UART, USB
9. 전원 타입 (Power Supply Type)	1.6V ~ 6.0V
10. 안테나 타입 (Antenna Type)	외장형 (IPEX Connector)
11. 지원 통신규격 주파수 (Frequency Band)	<b>B1/B2/B3/B4/B5/B8/B8_US/B12/B13/B14/B18/ B19/B20/B25/B26/B27/B28/B66/B85</b>
12. 인증(Approvals)	KC, FCC/IC, GCF, RED, UKCA, PTCRB, SKT, AT&T, FirstNet, Verizon



# ME310G1 (LTE-Cat.M1) 모듈 전파인증 정보



## ○ 인증현황검색결과

상호	Telit Communications S.p.A.
기기명칭	LTE 이동통신용 무선설비의 기기(기타)
모델명	ME310G1-WW
파생모델명	ME310G1-W3
인증번호	R-C-TCa-ME310G1-WW
제조사	Telit Communications S.p.A.
제조국가	중국
인증연월일	2020-05-08
기타	