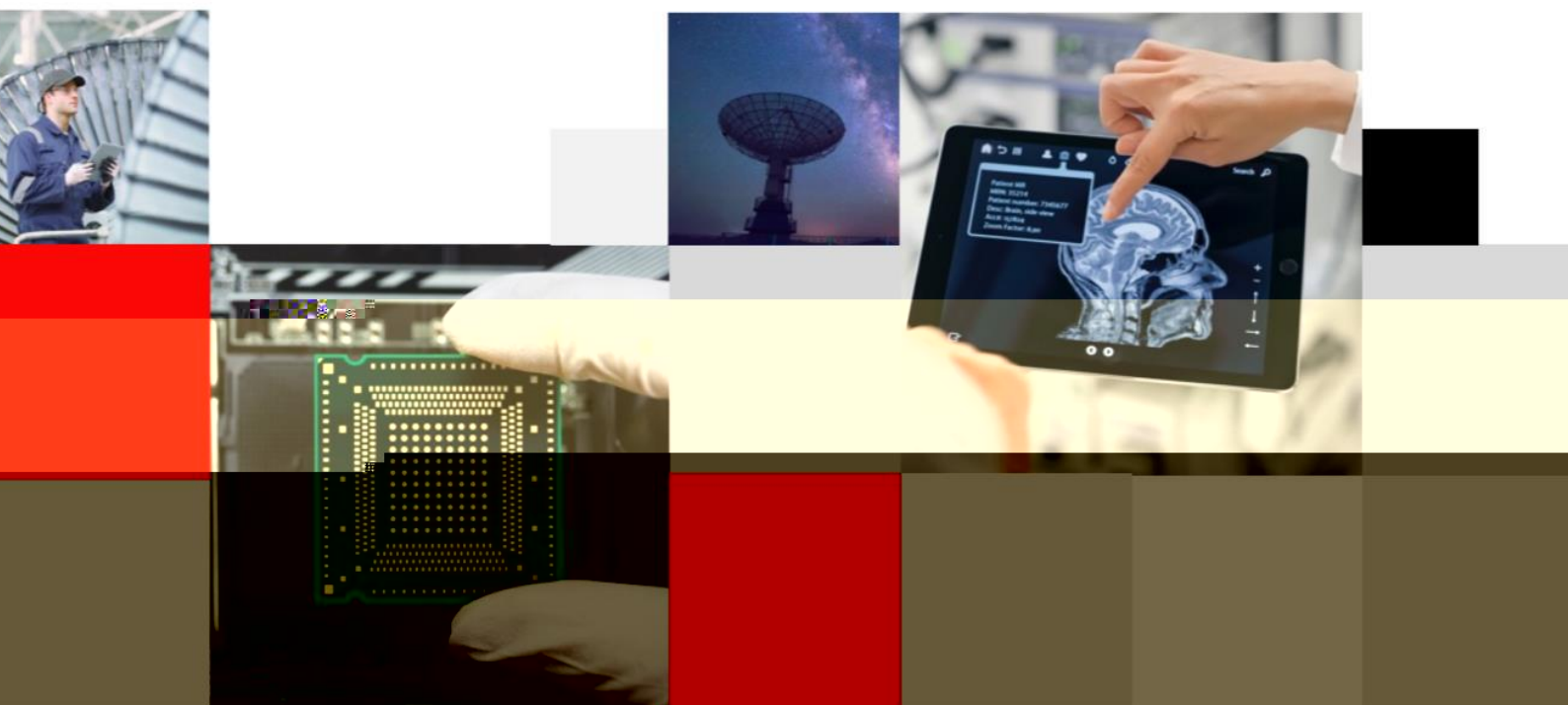


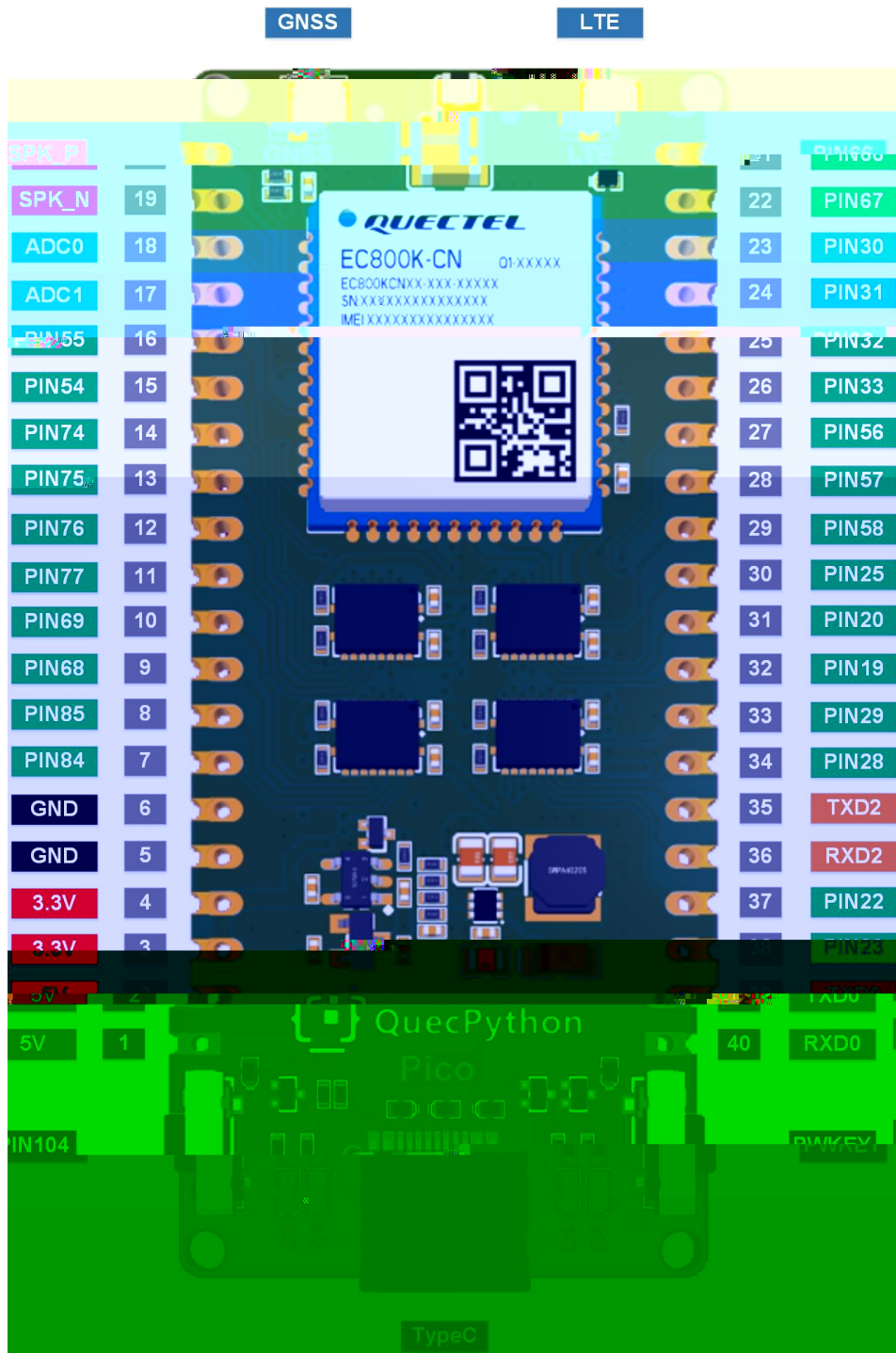
EC800X Pico



- E V4 %
- B VTA

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(A: '	:@	G
)	A: (:@	G
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	A:	:@	G
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	EI 5		G
'	I 5		G
(A:	:@	G
)	A:	:@	G
	EI 5	UVS	G
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G E V4 %

G

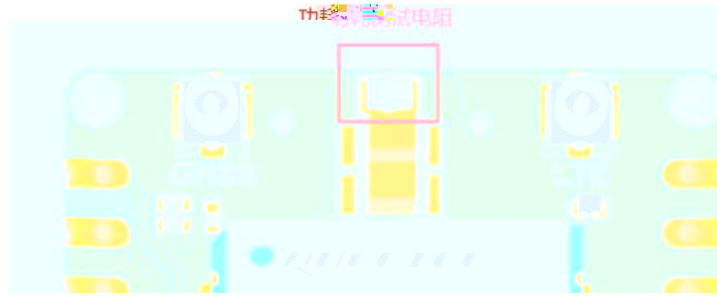
2 E V4 G FD3 FD3

2E 2E

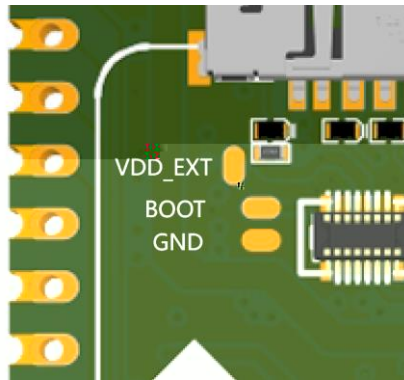
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% %) ' S 2E V

4 B VTA F2 E



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3@@E

3@@E

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3@@E

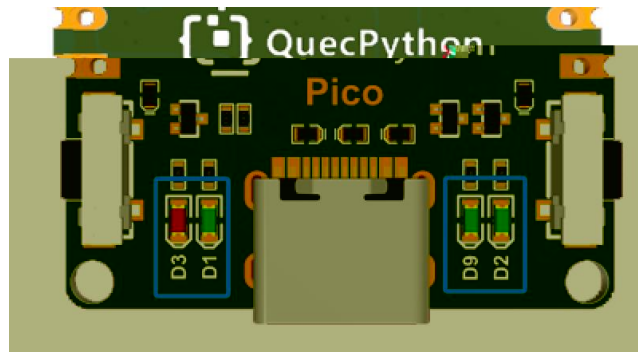
8 5

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%

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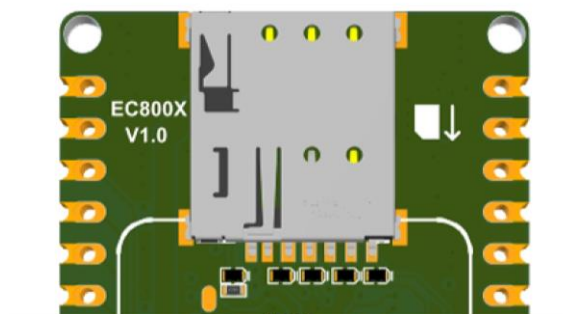
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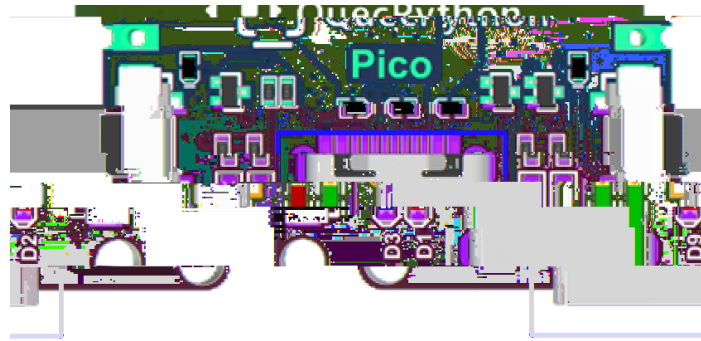
3 SIM



2 @D: FD: 6ED: : E-

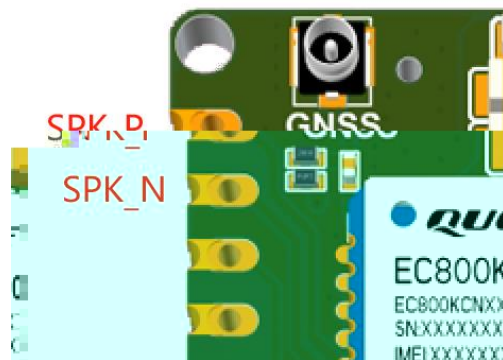
) G GFD:

4 USB



	E V4 FD3	FD3	FD3
FD3		% S	S
	2E	8 DD	62

5 SPK



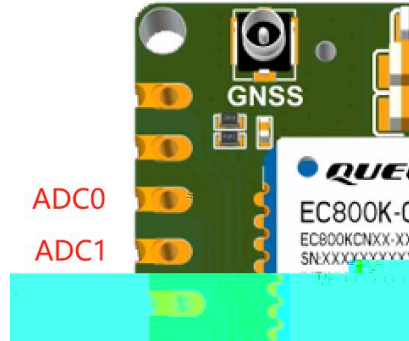
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23

(H 1 E95

6 ADC

254

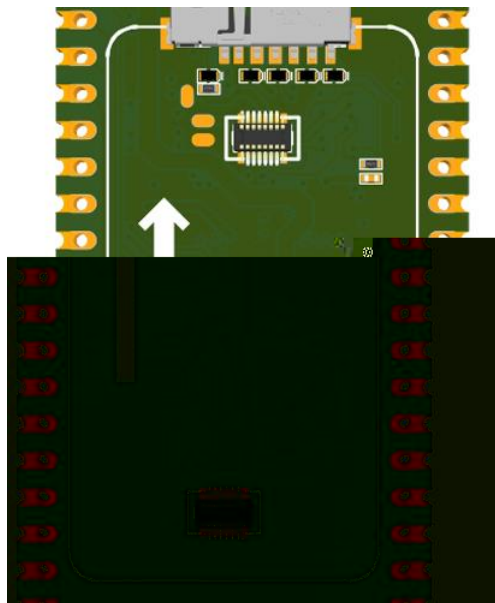


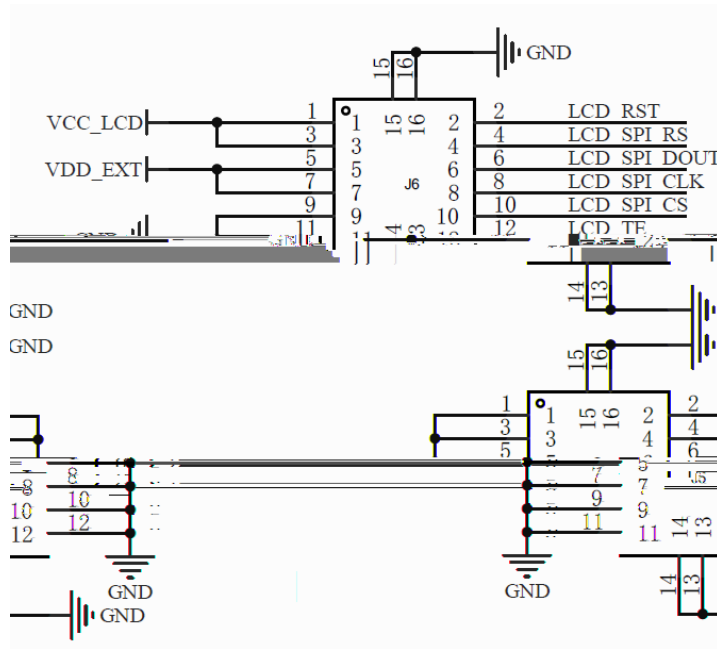
254

参数	最小值	典型值	最大值	单位
ADC0 电压	0	-	1.2	V
ADC1 电压	0	-	1.2	V
ADC 分辨率	-	-	12	位

7 LCD

=45





% T (8 3 I U - R E7E =45

% =45

NO.	Item	Contents	Unit
1	LCD Size	1.47	inch
2	Display Mode	Normally black	-
3	Resolution	172(H)RGB x320(V)	pixels
4	Pixel pitch	0.0337(H) x 0.1011(V)	mm
5	Active area	17.3892(H) x 32.352(V)	mm
6	Module size	40.00(H) x 20.00(V) x 1.45(D)	mm

7	Pixel arrangement	RGB-Vertical Stripe	
8	Interface	4 Line SPI	-
9	Display Colors	262K	colors
10	Drive IC	ST7789V3	-
11	Luminance(cd/m2)	350 (TYP)	Cd/m2
12	Viewing Direction	All View	Best im
13	Backlight	3 White LED Parallel	-
14	Operating Temp.	-20°C ~ +70°C	°C
15	Storage Temp.	-30°C ~ +80°C	°C
16	Weight	2.7	g

8

8.1

8.1.1

引脚名	引脚号	I/O	描述	备注
ANT_MAIN	35	AIO	主天线接口	50 Ω 特性阻抗。

备注

模块支持 Wi-Fi Scan 功能。由于共用主天线接口，两种功能不可同时使用，时分复用，Wi-Fi Scan 只接收不发送。

频段	发送 / MHz	接收 / MHz	备注
i20	2110~2170	1920~1980	LTE-TDD B34
i20	1805~1880	1710~1785	LTE-TDD B38
i20	800~894	824~915	LTE-TDD B39
i20	2300~2400	2300~2400	LTE-TDD B40
i25	925~960	880~915	LTE-TDD B41

频段	发送 / MHz	接收 / MHz	备注
i25	2010~2025	1920~1980	LTE-TDD B34
i20	2570~2620	2570~2620	LTE-TDD B38
i20	1880~1920	1880~1920	LTE-TDD B39
i20	2300~2400	2300~2400	LTE-TDD B40
i25	2535~2675	2535~2675	LTE-TDD B41

8.1.2

(

频段	最大值	最小值
LTE-FDD B1/B3/B5/B8	23 dBm ±2 dB	< -39 dBm
LTE-TDD B34/B38/B39/B40/B41	23 dBm ±2 dB	< -39 dBm

8.1.3

)

频段	接收灵敏度 (典型值) (dBm)			3GPP 要求 (主集 + 分集)
	主集	分集	主集 + 分集	
LTE-FDD B1 (10 MHz)	-99.5 dBm	-	-	-96.3 dBm
LTE-FDD B3 (10 MHz)	-99.0 dBm	-	-	-93.3 dBm
LTE-FDD B5 (10 MHz)	-98.5 dBm	-	-	-94.3 dBm
LTE-FDD B8 (10 MHz)	-99.0 dBm	-	-	-93.3 dBm
LTE-TDD B34 (10 MHz)	-100.0 dBm	-	-	-96.3 dBm
LTE-TDD B38 (10 MHz)	-99.0 dBm	-	-	-96.3 dBm
LTE-TDD B39 (10 MHz)	-100.0 dBm	-	-	-96.3 dBm
LTE-TDD B40 (10 MHz)	-100.5 dBm	-	-	-96.3 dBm
LTE-TDD B41 (10 MHz)	-99.0 dBm	-	-	-94.3 dBm

8.2 GNSS

8 DD

8 DD

● 8 AD 35D 8=@ 2DD 8R V

● 62) 62 2E FD3
F2 E 9

● 8 DD 2E

8.2.1

8 AD	(% =	9
35D	') % 3 :	
8R V	(% % 6	
8=@ 2DD	(') =	

8.2.2 GNSS

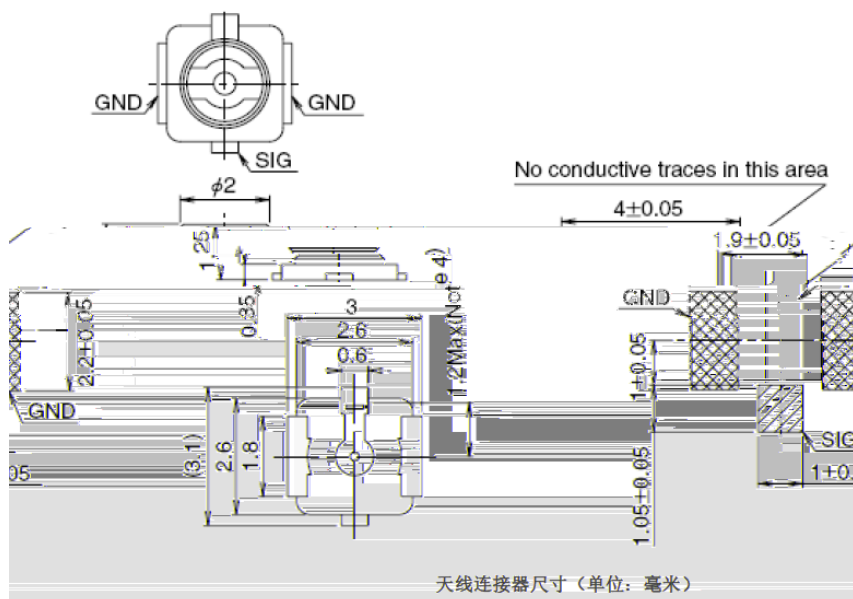
8 DD

参数	条件	典型值	单位
灵敏度	捕获	-146	dBm
	重捕	-160	
	追踪	-160	
首次定位时间	冷启动 @ 空旷区域	28	s
	温启动 @ 空旷区域	27	
	热启动 @ 空旷区域	3.7.3.	

备注

1. 追踪灵敏度：模块可以保持对导航信号的跟踪和定位所需的最低信号电平（持续定位至少2分钟）。
2. 重捕灵敏度：模块对接收到的导航信号丢失后3分钟内，重新捕获导航信号并正常定位所需的最低信号电平。
3. 捕获灵敏度：模块进行冷启动后3分钟内，捕获导航信号并成功定位所需的最低信号电平。

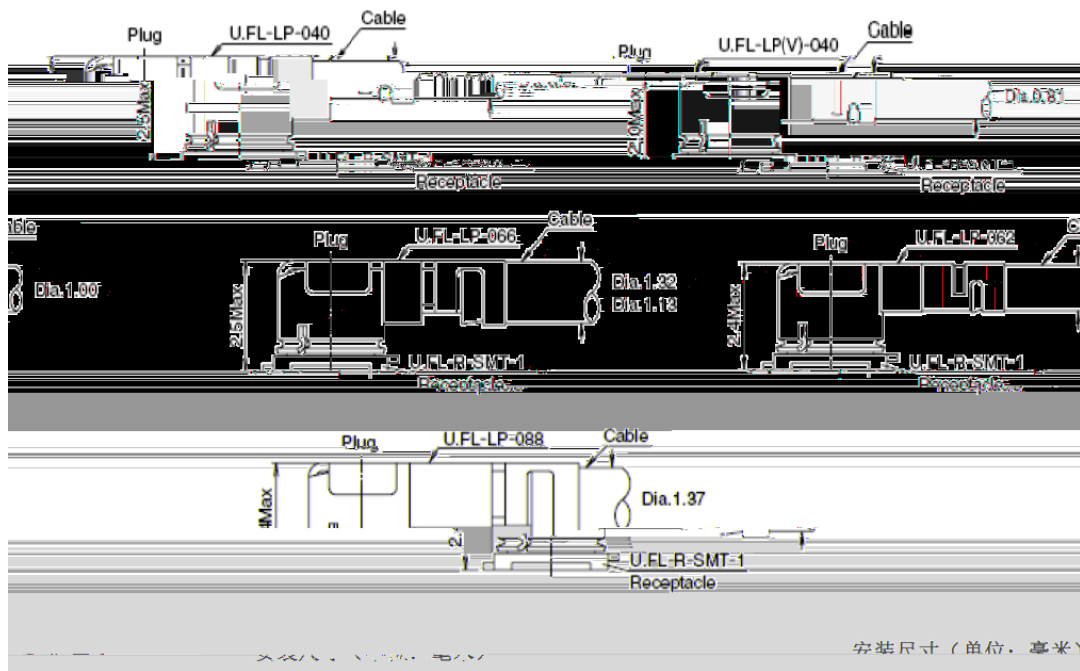
8.3



F 7==A

Part No.	U.FL-LP-040	U.FL-LP(V)-040	U.FL-LP-066	U.FL-LP-088
Mated Height	2.5mm Max. (2.4mm Nom.)	2.5mm Max. (2.4mm Nom.)	2.0mm Max. (1.9mm Nom.)	2.4mm Max. (2.3mm Nom.)
Coaxial cable	Dia. 1.32mm	Dia. 1.32mm and Dia. 1.33mm	Dia. 0.91mm	Dia. 1mm
Weight (mg)	71.7	69.7	69.1	64.9
RoHS				YES

U.FL-LP 连接线系列



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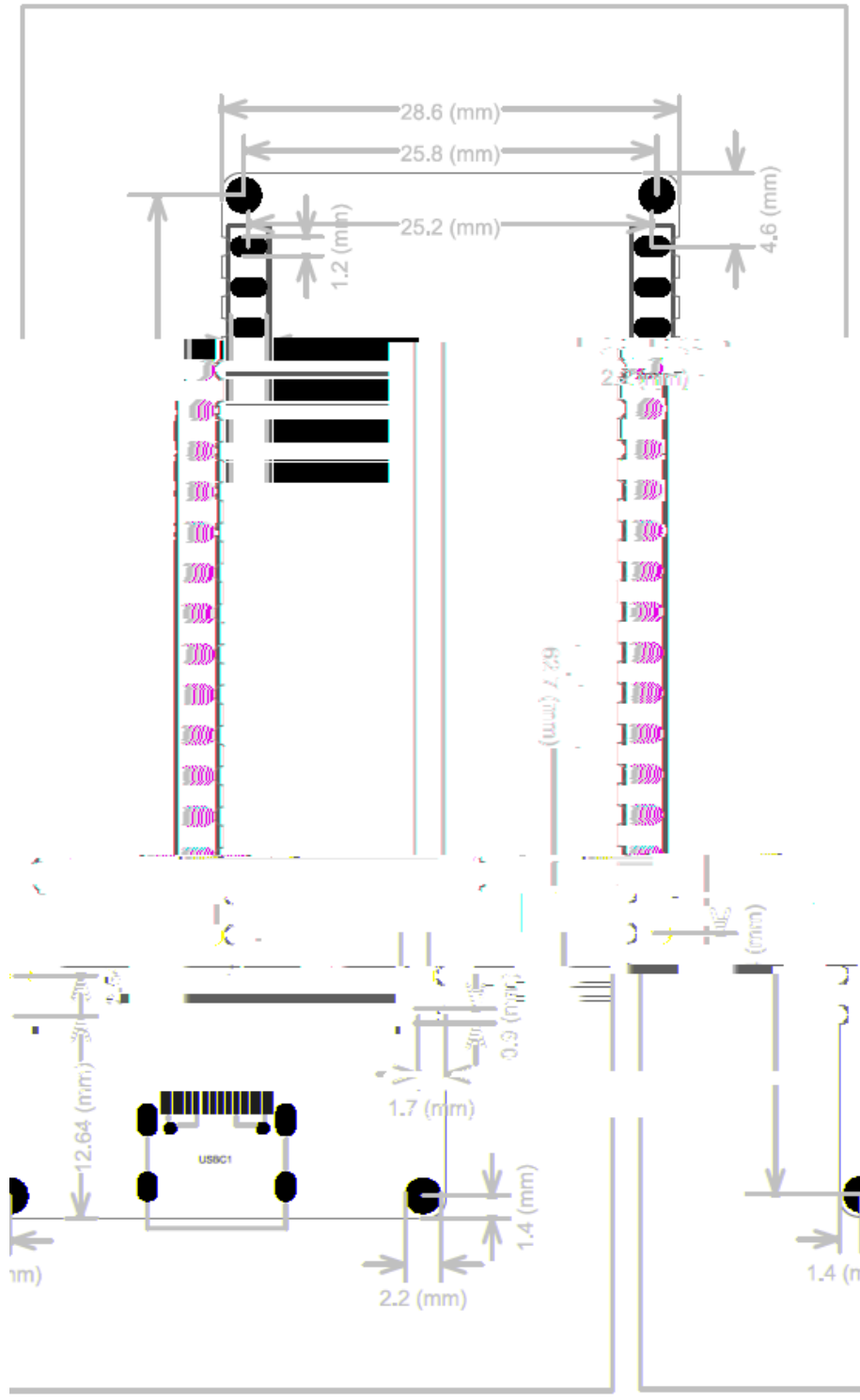
6D5

G 8 5)		G
FD3)		G
)		G
D:)		G
)		G

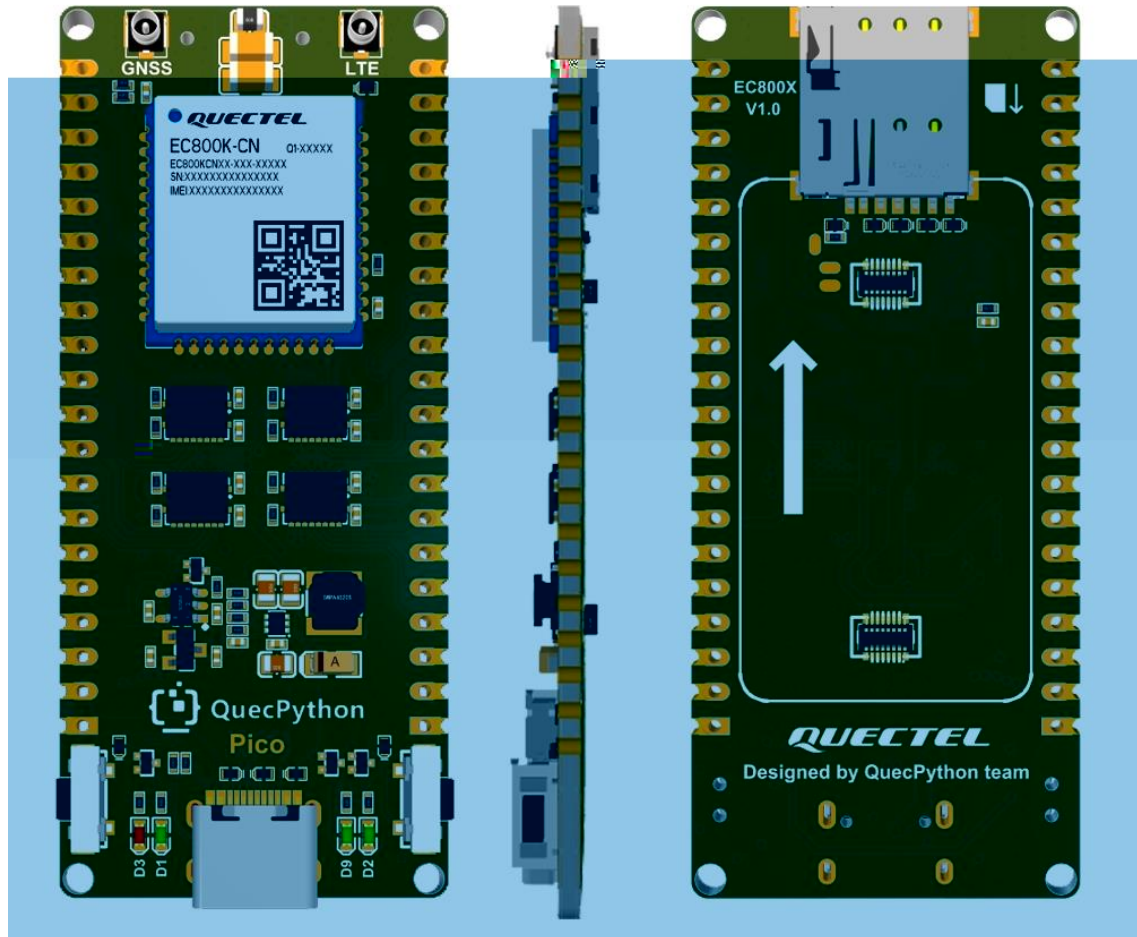
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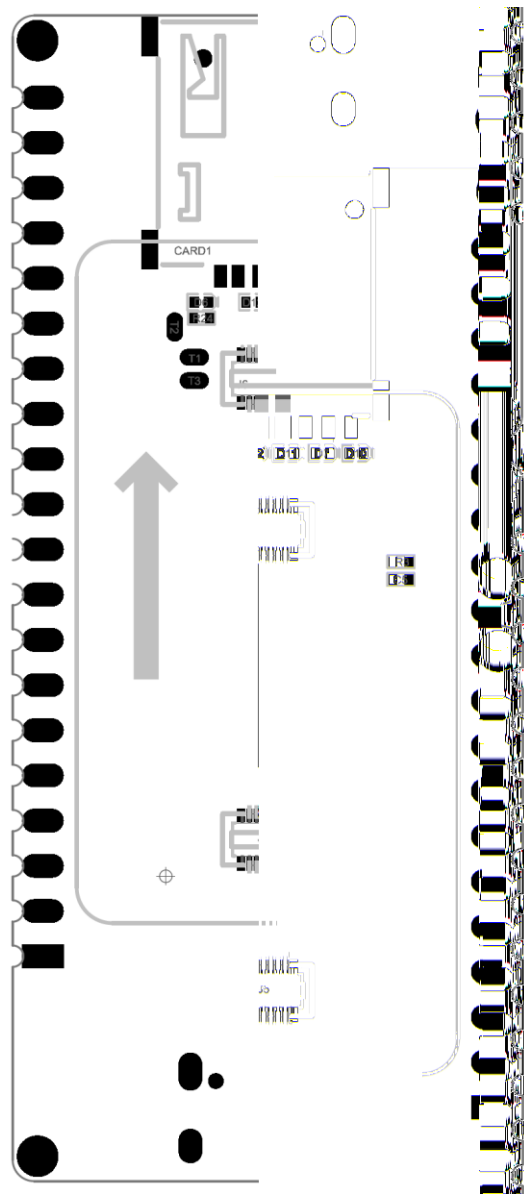
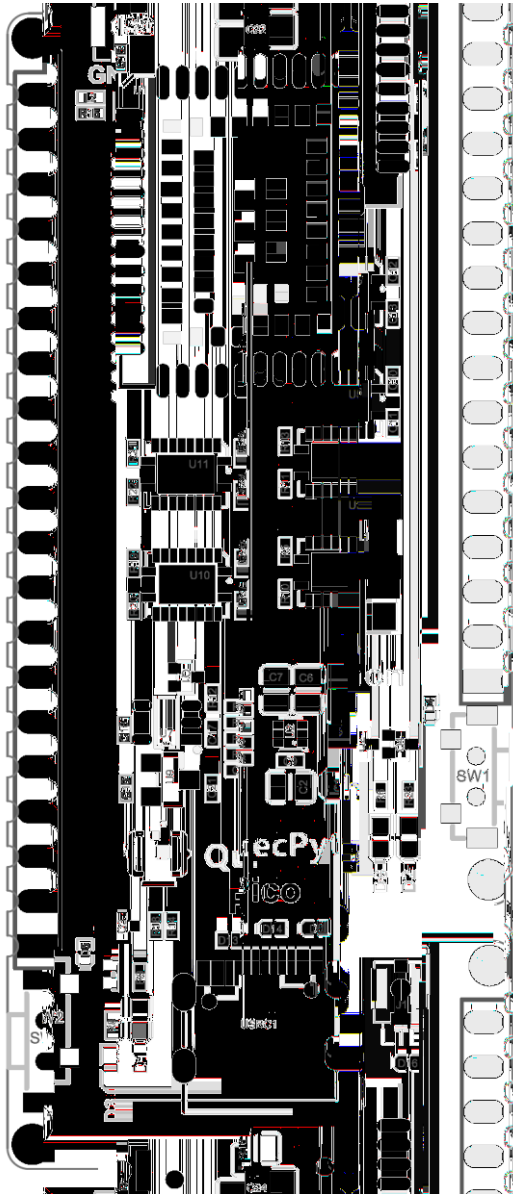
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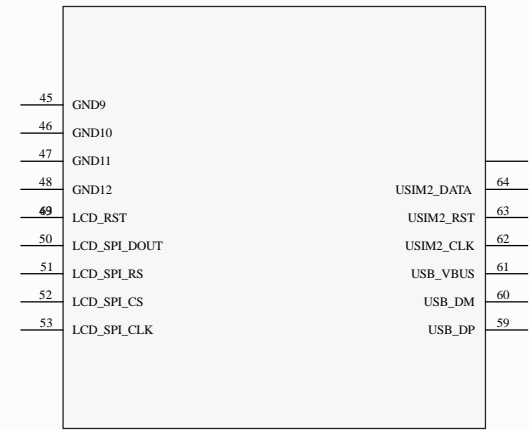
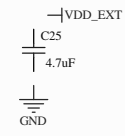
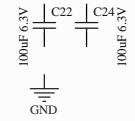
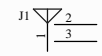
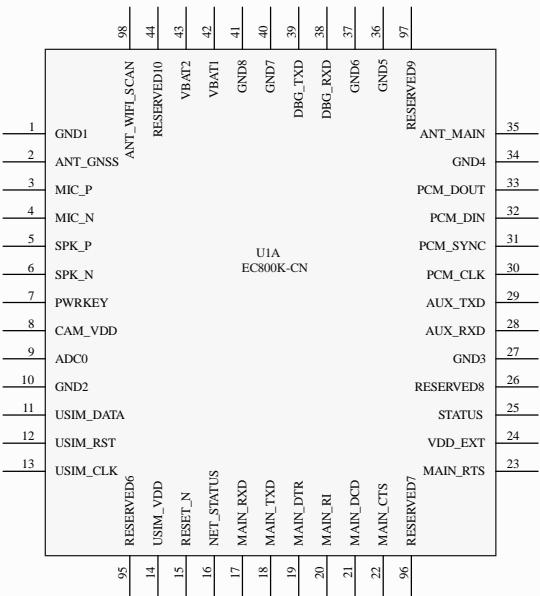


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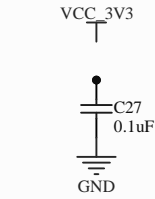
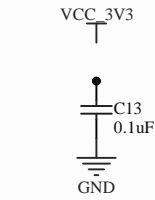
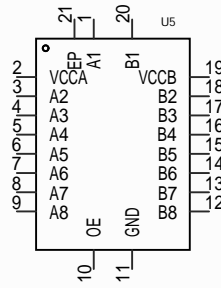
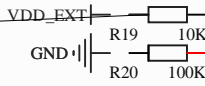
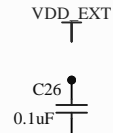
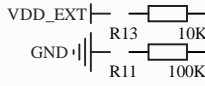
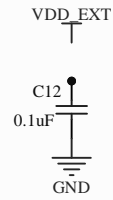
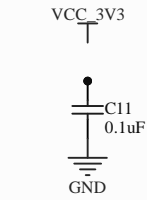
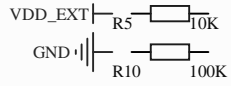
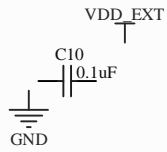
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Level Translator

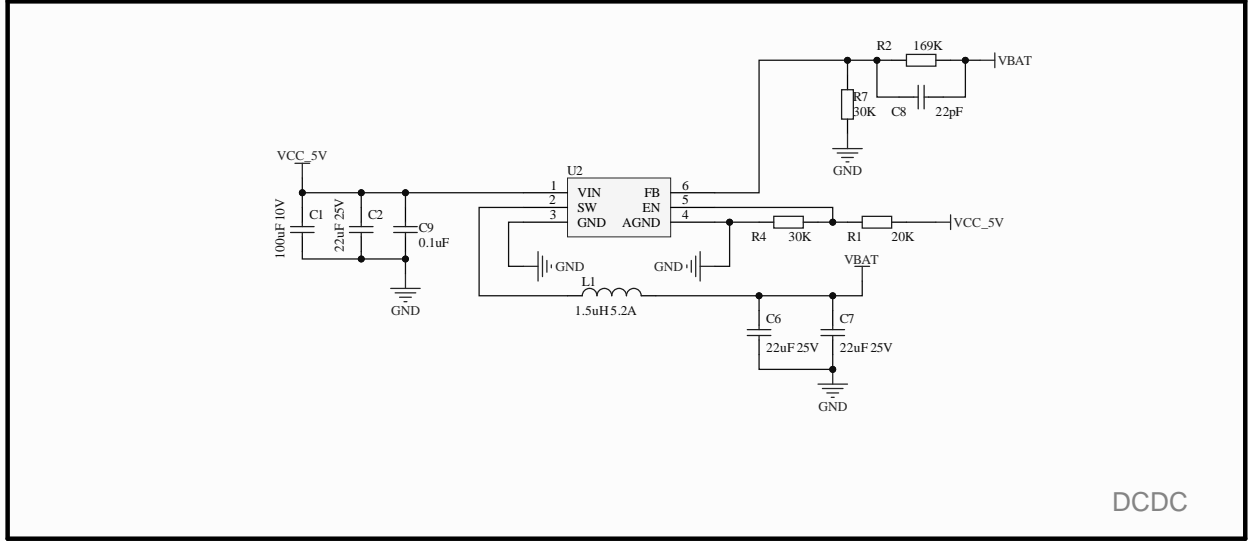
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