

JLCPCB - 제작 의뢰 설명서

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1. jlcpb 사이트에서 gerber 압축 파일로 주문 생성하기

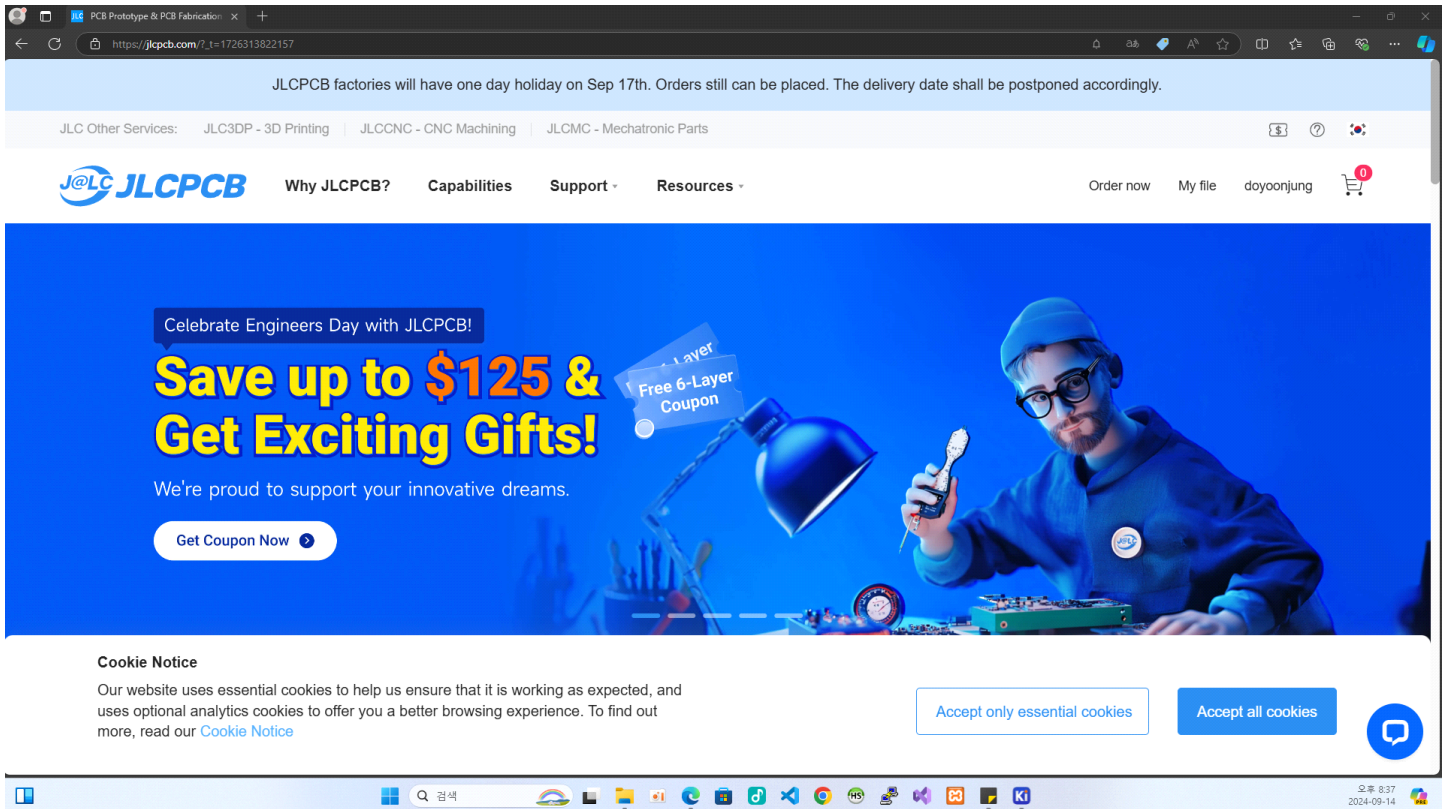


그림 1. JLCPCB 공식 홈페이지

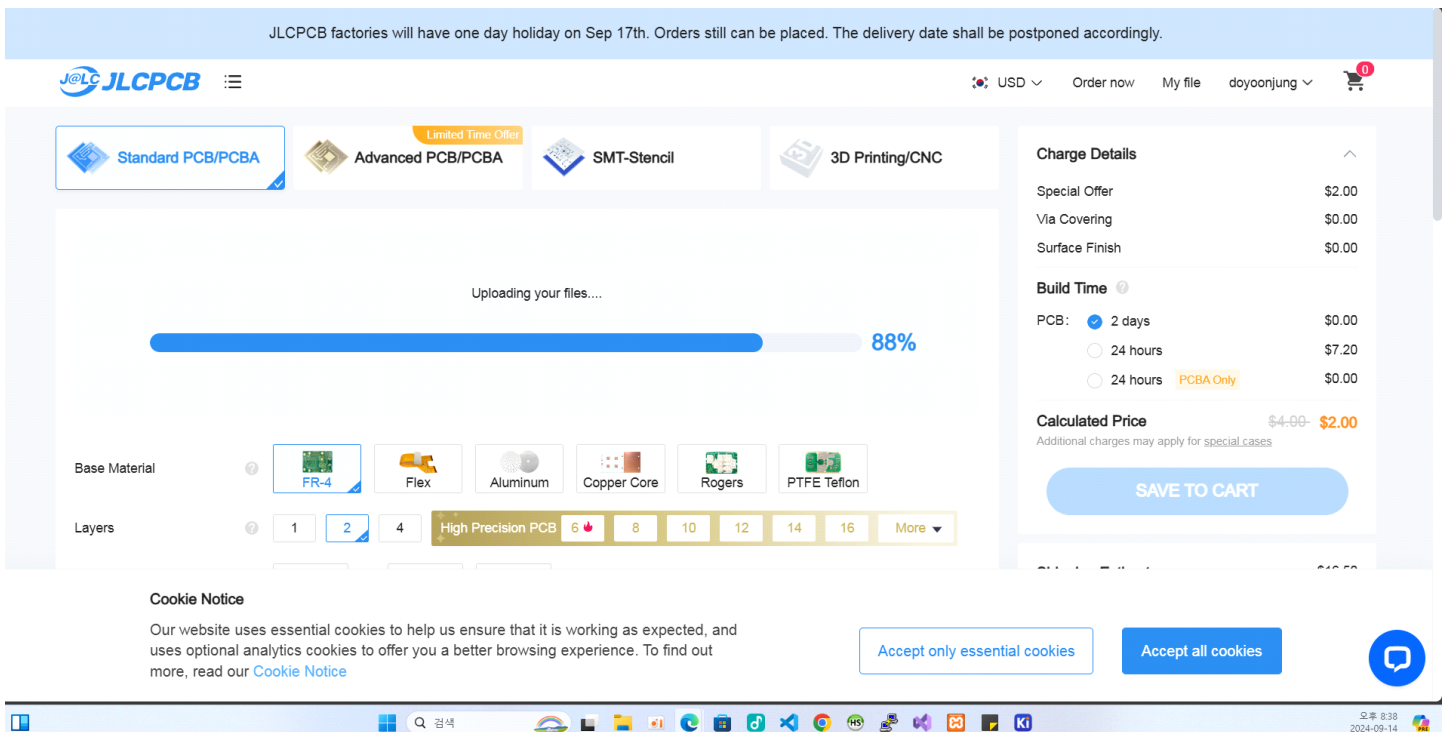


그림 2. JLCPCB 거버 압축파일 업로드 과정

PCB Specifications

Different Design: 1, 2, 3, 4

Delivery Format: Single PCB, Panel by Customer, Panel by JLCPCB

PCB Thickness: 0.4, 0.6, 0.8, 1.0, 1.2, 1.6, 2.0

PCB Color: Green, Purple, Red, Yellow, Blue, White, Black

Silkscreen: White

Surface Finish: HASL(with lead), LeadFree HASL, ENIG

High-spec Options

Outer Copper Weight: 1 oz, 2 oz

Via Covering: Tented, Untented, Plugged, Epoxy Filled & Capped, Copper paste Filled & Capped

Min via hole size/diameter: 0.3mm(0.4/0.45mm), 0.15mm(0.25/0.3mm), 0.2mm(0.3/0.35mm), 0.25mm(0.35/0.4mm)

Board Outline Tolerance: 0.2mm(Regular), 0.1mm(Precision)

Charge Details

Engineering fee: \$4.00

Via Covering: \$0.00

Surface Finish: \$0.00

Board: \$2.70

Build Time

PCB: 3 days, 24 hours (PCBA Only)

Calculated Price: \$6.70

Shipping Estimate: \$16.50

DHL Express Worldwide: 1-3 business days

Weight: 0.24kg

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그림 3. JLCPCB - PCB 사양 설정하기

PCB 두께는 1.6으로 하는 것을 추천한다. 가격이 비싸진다.

국내 업체와 차이점은 PCB 색상을 변경할 때 돈을 추가로 받지 않는다.

Surface Finish: HASL(with lead), LeadFree HASL, ENIG

High-spec Options

Outer Copper Weight: 1 oz, 2 oz

Via Covering: Tented, Untented, Plugged, Epoxy Filled & Capped, Copper paste Filled & Capped

Min via hole size/diameter: 0.3mm(0.4/0.45mm), 0.15mm(0.25/0.3mm), 0.2mm(0.3/0.35mm), 0.25mm(0.35/0.4mm)

Board Outline Tolerance: 0.2mm(Regular), 0.1mm(Precision)

Confirm Production file: No, Yes

Mark on PCB: Order Number, Order Number(Specify Position), 2D barcode (Serial Number), Remove Mark

Electrical Test: Flying Probe Fully Test

Gold Fingers: No, Yes

Castellated Holes: No, Yes

Edge Plating: No, Yes

Advanced Options

PCB Remark

Charge Details

Engineering fee: \$4.00

Via Covering: \$0.00

Surface Finish: \$0.00

Board: \$2.70

Build Time

PCB: 3 days, 24 hours (PCBA Only)

Calculated Price: \$6.70

Shipping Estimate: \$16.50

DHL Express Worldwide: 1-3 business days

Weight: 0.24kg

Coupons: Save \$30.00, Save \$15.00

그림 4. JLCPCB - High-spec 설정하기

Save to Cart를 누른다.

2. jlpcb 사이트에서 Cart에 담은 주문내역 구매하기

장바구니를 누르면 앞서 생성한 PCB 정보를 확인할 수 있다.

체크를 선택한 후 Secure Checkout을 통해 구매할 수 있다.

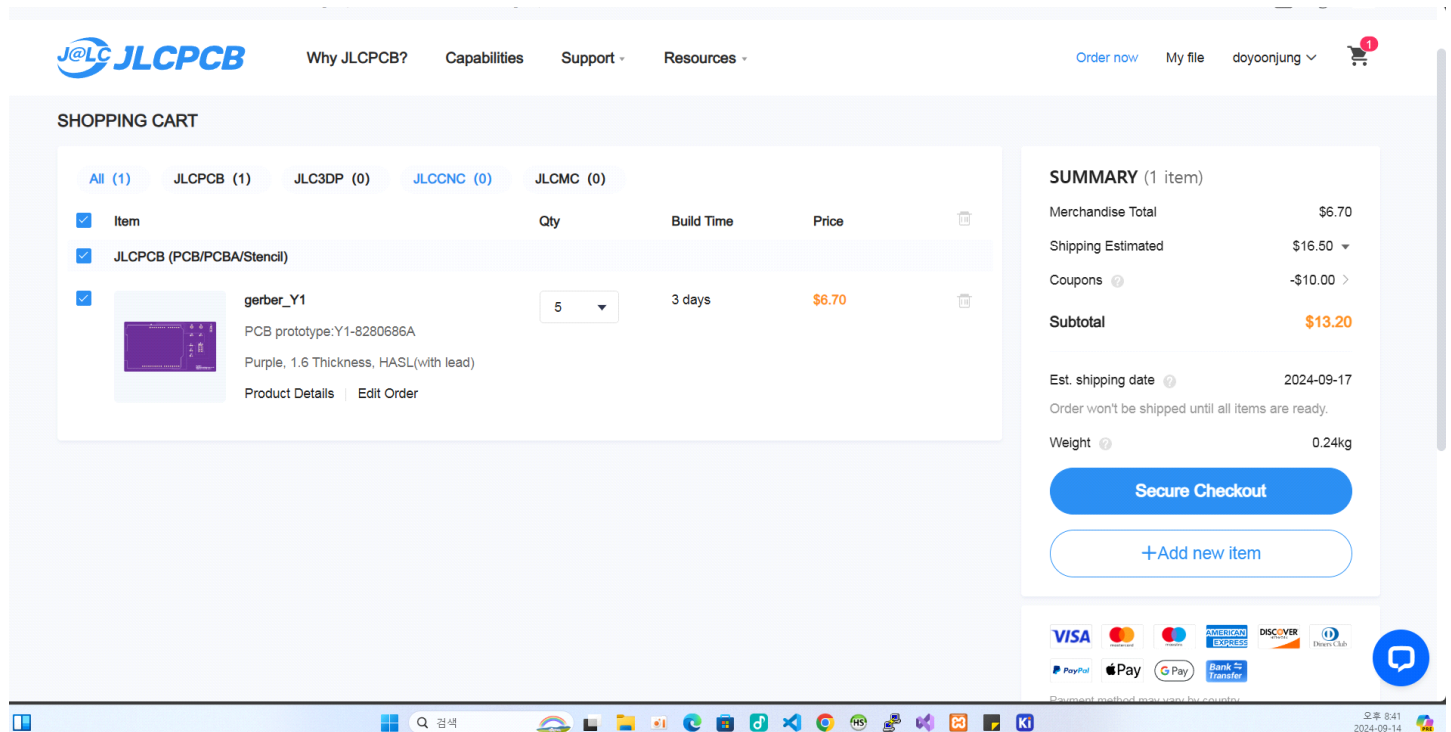


그림 5. JLCPCB - 구매하기

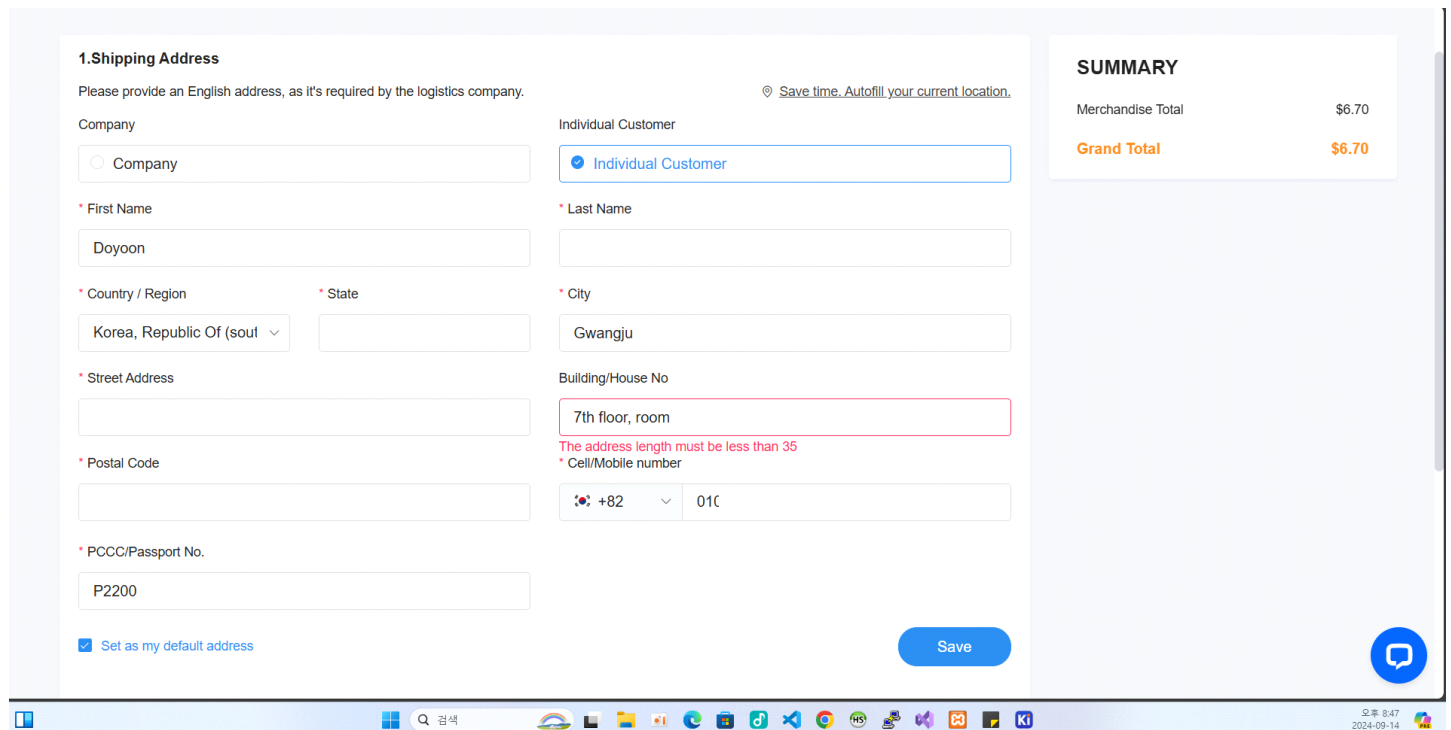


그림 6. JLCPCB - 구매하기

PCCC/Passport No.에는 개인통관부호번호 또는 여권번호를 입력하면 된다.

1.Shipping Address

Change

Shipping Information

Doyoon Jeong 01C 8 P2 i3

KOREA, REPUBLIC OF (SOUTH K.)

Billing Information

Doyoon Jeong 01 8 P2 i3

KOREA, REPUBLIC OF (SOUTH K.)

2.Shipping Method

CPT (Carriage paid to a named destination, duty, customs and taxes fee collected at the time of delivery)

☐ DHL Express Worldwide 1-3 business days
Note: Korean Customs requires that PCCC or passport number must be provided for B2C parcels for customs clearance.

☐ DHL Express Economy 1-4 business days

☒ FedEx Express 2-5 business days
Note: Korean Customs requires that PCCC or passport number must be provided for B2C parcels for customs clearance.

☐ UPS Express Saver 2-5 business days

☐ S.F Express Economy 5-7 business days
Note: Korean Customs requires that PCCC or passport number must be provided for B2C parcels for customs clearance.

+ More options

SUMMARY

Merchandise Total	\$6.70
Shipping Estimate	\$11.80
Grand Total	\$18.50

[Back to Cart](#)
[Continue](#)

그림 7. JLCPCB - 구매하기

빠르게 받아보고 싶으면 DHL-Express Worldwide를 선택하면 된다.

배송료가 올라간다. FedEx Express로 주문하면 약 1주에서 2주 소요된다고 한다.

Shipping Information

Doyoon Jeong 01C 8 P2 i3

KOREA, REPUBLIC OF (SOUTH K.)

Billing Information

Doyoon Jeong 01C 8 P2 i3

KOREA, REPUBLIC OF (SOUTH K.)

2.Shipping Method

Change

FedEx Express 2-5 business days

3.Submit Order

☒ Pay Directly(recommended)
We suggest you pay before file review to ensue high efficiency of production. If your file can't be approved to production after reviewing, you will get refund.

☐ Review Before Payment
You can pay after your file review is approved. File review is completed in 10 mins to 4 hours on working days(Mon-Sat 9am-6pm(GMT+8)). Your design will not be put into production until we receive payment.

[Submit Order](#)

SUMMARY

Merchandise Total	\$6.70
Shipping Estimate	\$11.80
Grand Total	\$18.50

그림 8. JLCPCB - 구매하기

Submit Order에서 Pay Directly(recommended)를 선택한 후 Submit Order를 클릭한다.

SSL SECURED CHECKOUT
Your Information is Protected

Payment

☐ JLC Balance(Prepaid Wire Transfer) Available: \$0
☐ PayPal
☒ Credit/Debit Card

Card Number

1234 1234 1234 1234

CVV Number

CVC

Expiration Date

MM / YY

☐ Save for my next payment

☐ Google Pay

Payment fee \$0.50

Coupons&Promotional codes

☐ Coupons You have 2 valid coupons

PCB \$4.00 New Customer PCB 1 - J...

PCB \$2.00 New Customer PCB 2 - J...

SUMMARY

Merchandise Total \$6.70

Shipping Estimate \$11.80

Grand Total \$18.50

그림 9. JLCPCB - 구매하기
카드번호와 CVC 번호, 유효기간을 입력한다.

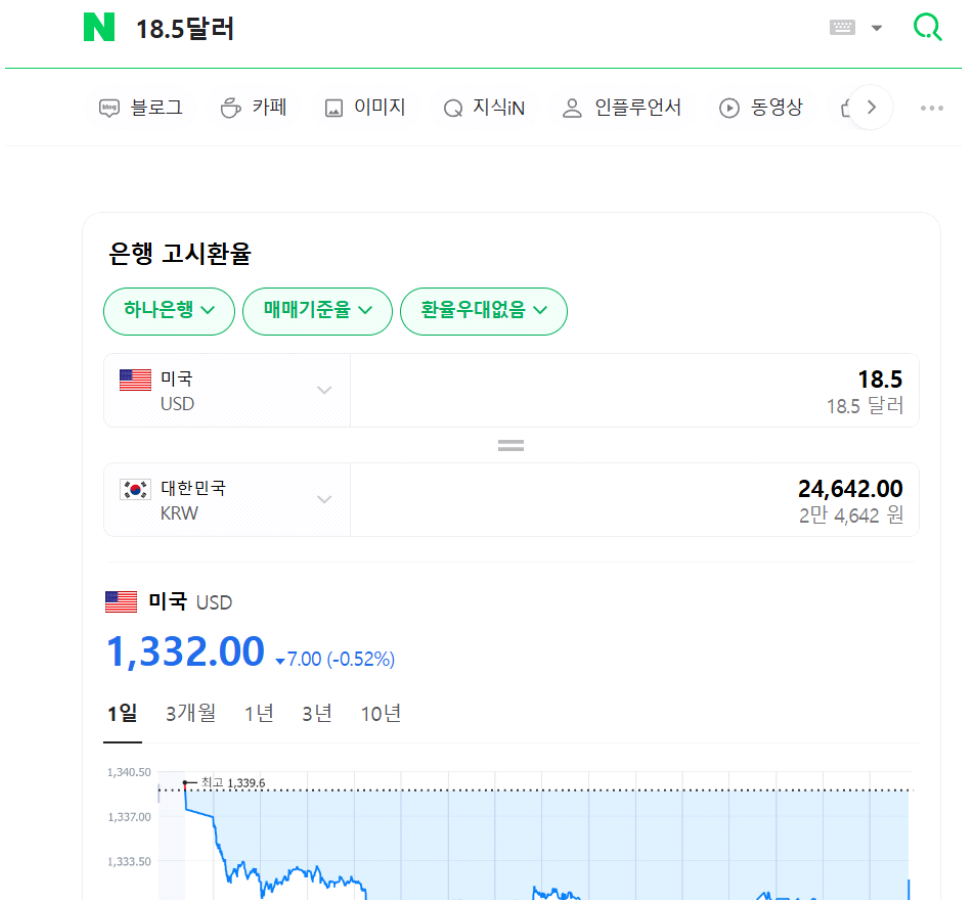


그림 10. 환율 정보

Coupons&Promotional codes

Coupons You have 2 valid coupons

PCB

\$4.00

Details >

New Customer PCB 1 - J...
For orders over \$5.00 excluding freight
Valid until 2024/09/23

PCB

\$2.00

Details >

New Customer PCB 2 - J...
For orders over \$2.00 excluding freight
Valid until 2024/10/23

Unavailable coupons

ALL

\$10.00

Details >

New Customer Coupon - ...
For orders over \$15.00 on shipping
Valid until 2024/09/23

SMT

\$9.00

Details >

SMT Special Offer
For orders over \$0.01 excluding freight
Valid until 2024/09/30

SMT

\$9.00

Details >

SMT Special Offer
For orders over \$0.01 excluding freight
Valid until 2024/09/30

☐ Promotional Code

☐ Order refunds to your JLC Balance **Pay**

SUMMARY

Merchandise Total	\$6.70
Shipping Estimate	\$11.80
Discount	-\$4.00
Grand Total	\$14.50

Need some help? Explore our [help pages](#) or [contact us](#)

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그림 11. JLCPCB - 할인 쿠폰
Pay 버튼을 선택하면 구매가 진행된다.

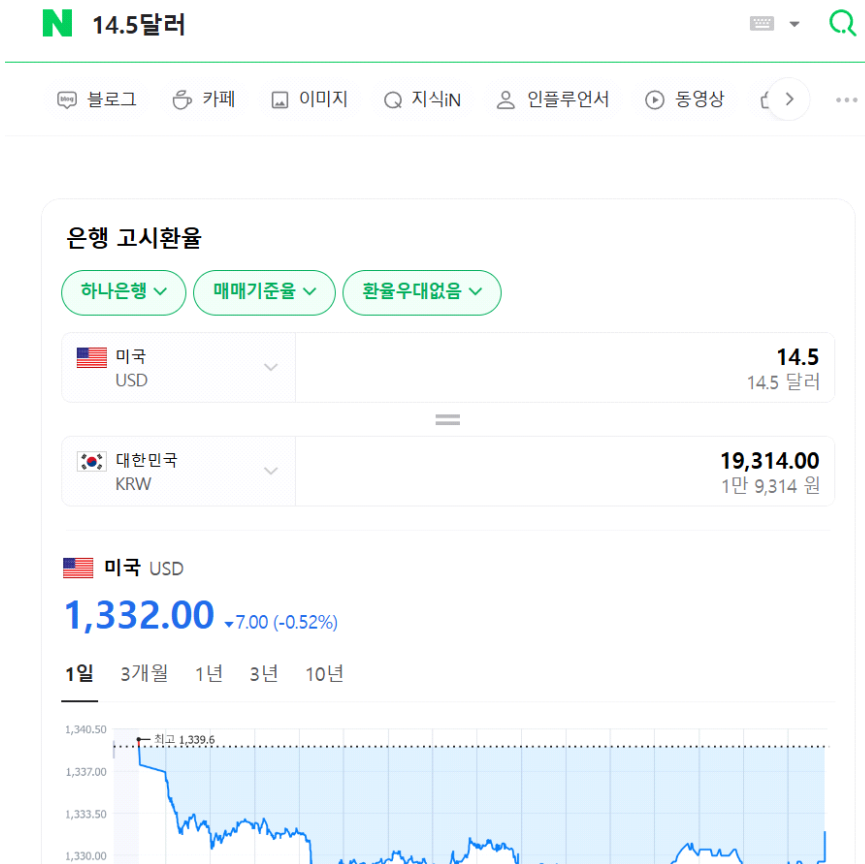


그림 12. 환율 정보

**Payment Successful**

4s

Thank you for placing your order. You can check its status in your order history. When we require further confirmation, we'll reach out via email. Please reply promptly to avoid any delays.

[View Order Status](#)

그림 13. JLCPCB - 결제 완료
성공적으로 결제가 완료되었다.

JLCPCB factories will have one day holiday on Sep 17th. Orders still can be placed. The delivery date shall be postponed accordingly.

JLC Other Services: JLC3DP - 3D Printing | JLCCNC - CNC Machining | JLCMC - Mechatronic Parts

J@LC JLCPCB Why JLCPCB? Capabilities Support Resources [Order now](#) My file dooyoungjung

Order History

All

PCB/PCBA/Stencil

3D/CNC

JLCMC

PCB Layout

PCBA (Parts Selection)

File Manager

Parts Manager

Payments

support

support@jlcpcb.com

Live Chat

Mon-Fri: 24 hours, Sat: 9am-6pm, GMT+8

Awaiting Payment Action Required

Order Type Order Status Date Order #, Gerber file name...

Product Details	Price	Order Status	Operation
2024-09-14 20:49:50 W202409141949550 PCB	Merchandise Total: \$2.70 Shipping Charge: \$11.80 Order Total: \$14.50	In Production The order cannot be cancelled once it has been put into production.	+ Add new item Order Details Invoice
<div>PCB</div> <div>PCB Prototype</div> <div>Order #: Y1-8280686A</div> <div>Build Time: 3 days</div> <div>Product Details</div>	<div>\$2.70</div> <div>5pcs</div>	<div>gerber_Y1</div> <div> Data Preparation</div>	

[Show Less](#)

그림 14. JLCPCB - 주문 내역
PCB 주문 내역이 생성된 것을 확인할 수 있다.