Buck Converter

C1

UT1J220M0607VG

https://jlcpcb.com/parts/componentSearch?searchTxt=22uF%2063V%20%C2%B120%25%20SMD,D6.3xL7.7mm%20%20Aluminum%20Electrolytic%20Capacitors%20-%20SMD%20ROHS

22uF 63V ±20% SMD,D6.3xL7.7mm Aluminum Electrolytic Capacitors - SMD ROHS

C11, C12, C13, C15, C16, C17

AC0805KRX7R9BB104

https://jlcpcb.com/parts/componentSearch?searchTxt=50V%20100nF%20X7R%20%C2%B110%25%200805%20Multilayer%20Ceramic%20Capacitors%20MLCC%20-%20SMD%2FSMT%20ROHS

50V 100nF X7R ±10% 0805 Multilayer Ceramic Capacitors MLCC - SMD/SMT ROHS

C3, C10, C18, C20

C3216X7R1H475KT000E

https://jlcpcb.com/partdetail/Tdk-C3216X7R1H475KT000E/C342691

CAP, X7R, 4.7µF, 50V, 10%, 1206

C9

0805B105K160CT

https://jlcpcb.com/partdetail/Walsin\_TechCorp-0805B105K160CT/C396719

CAP, X7R, 1µF, 16V, 10%, 0805

FB1

MPZ2012S101AT000

https://jlcpcb.com/partdetail/Tdk-MPZ2012S101AT000/C15957

FERRITE BEAD 0805

L2

IHLP2020BZER4R7M01

https://jlcpcb.com/partdetail/VishayIntertech-IHLP2020BZER4R7M01/C844990

IND 4.7UH

R6

0805W8J0154T5E

https://jlcpcb.com/partdetail/26362-0805W8J0154T5E/C25619

RES, OPT, 0805

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C2, C19

C3216X7R1H475KT000E

https://jlcpcb.com/partdetail/Tdk-C3216X7R1H475KT000E/C342691

CAP, X7R, 4.7µF, 50V, 10%, 1206

C4, C8

CAP, X7R, 0.1µF, 16V, 10%, 0805

C5

CC0805DRNPO9BN4R7

https://jlcpcb.com/partdetail/Yageo-CC0805DRNPO9BN4R7/C2181061

CAP, C0G, 4.7pF, 25V, ±0.1pF, 0805

C6

C2012X5R1A476MTJ00E

https://jlcpcb.com/partdetail/Tdk-C2012X5R1A476MTJ00E/C76636

CAP, X7R, 47µF, 10V, 10%, 1210

C7

FS21B105K100ECG

https://jlcpcb.com/parts/2nd/Capacitors/Multilayer\_Ceramic\_Capacitors\_MLCC\_SMD\_SMT\_33

CAP, X5R, 1µF, 10V, 10%, 0805

L1

https://eu.mouser.com/ProductDetail/Coilcraft/XAL5030-222MEC?qs=zCSbvcPd3pamMZlPWCpd5A%3D%3D

IND, 2.2UH

R1, R4

AECR0805F1M00K9

https://jlcpcb.com/partdetail/Resi-AECR0805F1M00K9/C328386

RES, CHIP, 1M, 1/16W, 1% 0805

R2

FRC0805F1822TS

https://jlcpcb.com/partdetail/Fojan-FRC0805F1822TS/C2933346

RES, CHIP, 18.2k, 1/10W, 1% 0805

R3

RTT054992FTP

https://jlcpcb.com/partdetail/Ralec-RTT054992FTP/C104367

RES, CHIP, 49.9k, 1/16W, 1% 0805

R5

0805W8F2433T5E

https://jlcpcb.com/partdetail/18261-0805W8F2433T5E/C17573

RES, CHIP, 243k, 1/16W, 1% 0805

J2

T2B-SQ(LF)(SN)

https://jlcpcb.com/partdetail/Jst\_SalesAmerica-T2B\_SQ\_LF\_SN/C265429

J1, J3

X6511WR-01H-C60D30R2

<https://jlcpcb.com/partdetail/3094330-X6511WR_01HC60D30R2/C2883838>

J5

A2541HWV-9P

<https://jlcpcb.com/partdetail/225789-A2541HWV9P/C225506>

J4

A2541HWR-8P

<https://jlcpcb.com/partdetail/225799-A2541HWR8P/C225516>

U1

No NEED

IC, LT8610AEMSE MSE16