

Part	Value	Device
C1	2.2uF	C_CHIP-0805(2012-METRIC)
C2	12pF	C_CHIP-0402(1005-METRIC)
C3	12pF	C_CHIP-0402(1005-METRIC)
C6	100nF	C_CHIP-0402(1005-METRIC)
C7	100nF	C_CHIP-0402(1005-METRIC)
C8	100nF	C_CHIP-0402(1005-METRIC)
C9	100nF	C_CHIP-0402(1005-METRIC)
C10	100nF	C_CHIP-0402(1005-METRIC)
D1	KT-0603R	KT-0603R
D2	SM0603GC	SM0603GC
J1	B4B-PH-SM4-TB	B4B-PH-SM4-TB
J2	B4B-PH-SM4-TB	B4B-PH-SM4-TB
JP1	PINHD-1X3	PINHD-1X3
JP3	PINHD-2X4	PINHD-2X4
L1	10uH	INDUCTOR_CHIP-0805(2012-METRIC)
P1	S2B-PH-SM4-TB	S2B-PH-SM4-TB
P2	S2B-PH-SM4-TB	S2B-PH-SM4-TB
P:C1	4.7uF	C_CHIP-1206(3216-METRIC)
P:C2	100nF	C_CHIP-0402(1005-METRIC)
P:C3	100nF	C_CHIP-0402(1005-METRIC)
P:C5	0.47 uF	C_CHIP-0603(1608-METRIC)
P:C6	47uF	CAPACITOR-POL_TANTALUM-2412(6032-METRIC)
P:C8	33 uF	C-POL_TANTALUM-1411(3528-METRIC)
P:F1	3A	FUSE_CHIP-1206(3216-METRIC)
P:L1	10uH	INDUCTOR_CHIP-0805(2012-METRIC)
P:Q2	IRF7404TRPBFIRF7404TRPBF_INF	IRF7404TRPBFIRF7404TRPBF_INF
P:R1	10k	R-US_CHIP-0402(1005-METRIC)
P:R2	100k	R-US_CHIP-0402(1005-METRIC)
P:R3	19.1k	R-US_CHIP-0603(1608-METRIC)
P:U1	LMR51625XDDCRDDC0006A-MFG	LMR51625XDDCRDDC0006A-MFG
P:VR1	LM3940IMP-3.3/NOPB	LM3940IMP-3.3/NOPB
R1	5.1K	R-US_CHIP-0402(1005-METRIC)
R2	1K	R-US_CHIP-0402(1005-METRIC)
R4	1 k	R-US_CHIP-0402(1005-METRIC)
R5	1k	R-US_CHIP-0402(1005-METRIC)
R6	1k	R-US_CHIP-0402(1005-METRIC)
R7	1k	R-US_CHIP-0402(1005-METRIC)
S1	TS-1187A-B-A-B	TS-1187A-B-A-B
SD1:C1	100 nF	C_CHIP-0402(1005-METRIC)
SD1:C2		CAPACITOR-POL_TANTALUM-2917(7343-METRIC)
SD1:C3	100 nF	C_CHIP-0402(1005-METRIC)
SD1:C5	22 nF	C_CHIP-0402(1005-METRIC)
SD1:C6	100 nF	C_CHIP-0402(1005-METRIC)
SD1:C8	2.2 uF	C_CHIP-0402(1005-METRIC)
SD1:C9	100 nF	C_CHIP-0402(1005-METRIC)
SD1:R1	150 m	R-US_CHIP-2010(5025-METRIC)

SD1:R2	150 m	R-US_CHIP-2010(5025-METRIC)
SD1:U1	TMC2209-LA-TQFN28_5X5_3X8_EPAD_T	TMC2209-LA-TQFN28_5X5_3X8_EPAD_TRI
SD2:C1	100 nF	C_CHIP-0402(1005-METRIC)
SD2:C2		CAPACITOR-POL_TANTALUM-2917(7343-METRIC)
SD2:C3	100 nF	C_CHIP-0402(1005-METRIC)
SD2:C5	22 nF	C_CHIP-0402(1005-METRIC)
SD2:C6	100 nF	C_CHIP-0402(1005-METRIC)
SD2:C8	2.2 uF	C_CHIP-0402(1005-METRIC)
SD2:C9	100 nF	C_CHIP-0402(1005-METRIC)
SD2:R1	150 m	R-US_CHIP-2010(5025-METRIC)
SD2:R2	150 m	R-US_CHIP-2010(5025-METRIC)
SD2:U1	TMC2209-LA-TQFN28_5X5_3X8_EPAD_T	TMC2209-LA-TQFN28_5X5_3X8_EPAD_TRI
U\$1	XT30UPB-M	XT30UPB-M
U1	STM32F411CEU6	STM32F411CEU6
Y1	TSX-3225_16.0000MF18X-AC3	TSX-3225_16.0000MF18X-AC3

MPN

CL21A225KOFNNNE
0402CG120J500NT
0402CG120J500NT
CL05B104KO5NNNC
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CL05B104KO5NNNC
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BL-HUF36D-AV-TRB
P0603P1N46G12
B4B-PH-SM4-TB(LF)(SN)
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SDFL2012S100KTF
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TAJB336K016RNJ
0468003.NRHF
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0402B223K500NT
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CL05A225MQ5NSNC
0402F104M500NT
RTT20R15JTE

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TAJD107K016RNJ	https://www.digikey.com/en/products/detail/kyocera-avx/TAJD107K016RNJ
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TMC2209-LA-TQFN28_5X5_3X8_EPA	https://www.digikey.com/en/products/detail/analog-devices-inc-max
XT30UPB-M	https://www.lcsc.com/product-detail/New-Arrivals_Changzhou-Amas
STM32F411CEU6	https://www.digikey.com/en/products/detail/stmicroelectronics/STM32F411CEU6
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