

Part	Value	Device	Package	Description	DIGIKEY
ANT	ANTENNA	ANTENNA	ANTENNA	Antenna	712-1010-1-ND
BAL	BALUNBALUN	BALUNBALUN	BALUN	Balun	712-1581-1-ND
SWA	BUTTON	BUTTON	BUTTON	Tactile button	CKN9085CT-ND
C1_M1	100n	C-EUC0603	C0603	CAPACITOR, European symbol	
C1_M2	100n	C-EUC0603	C0603	CAPACITOR, European symbol	
C1_M3	100n	C-EUC0603	C0603	CAPACITOR, European symbol	
C1_M4	100n	C-EUC0603	C0603	CAPACITOR, European symbol	
C2_M1	100n	C-EUC0603	C0603	CAPACITOR, European symbol	
C2_M2	100n	C-EUC0603	C0603	CAPACITOR, European symbol	
C2_M3	100n	C-EUC0603	C0603	CAPACITOR, European symbol	
C2_M4	100n	C-EUC0603	C0603	CAPACITOR, European symbol	
C4_M1	100n	C-EUC0603	C0603	CAPACITOR, European symbol	
C4_M2	100n	C-EUC0603	C0603	CAPACITOR, European symbol	
C4_M3	100n	C-EUC0603	C0603	CAPACITOR, European symbol	
C4_M4	100n	C-EUC0603	C0603	CAPACITOR, European symbol	
C5_M1	100n	C-EUC0603	C0603	CAPACITOR, European symbol	
C5_M2	100n	C-EUC0603	C0603	CAPACITOR, European symbol	
C5_M3	100n	C-EUC0603	C0603	CAPACITOR, European symbol	
C5_M4	100n	C-EUC0603	C0603	CAPACITOR, European symbol	
C6_M1	100n	C-EUC0603	C0603	CAPACITOR, European symbol	
C6_M2	100n	C-EUC0603	C0603	CAPACITOR, European symbol	
C6_M3	100n	C-EUC0603	C0603	CAPACITOR, European symbol	
C6_M4	100n	C-EUC0603	C0603	CAPACITOR, European symbol	
C12	100n	C-EUC0603	C0603	CAPACITOR, European symbol	
C13	100n	C-EUC0603	C0603	CAPACITOR, European symbol	
C14	100n	C-EUC0603	C0603	CAPACITOR, European symbol	
C4_REG	10n	C-EUC0603	C0603	CAPACITOR, European symbol	
C9	12p	C-EUC0603	C0603	CAPACITOR, European symbol	
C11	12p	C-EUC0603	C0603	CAPACITOR, European symbol	
C15	1n	C-EUC0603	C0603	CAPACITOR, European symbol	
C3_M1	1u	C-EUC0603	C0603	CAPACITOR, European symbol	
C3_M2	1u	C-EUC0603	C0603	CAPACITOR, European symbol	
C3_M3	1u	C-EUC0603	C0603	CAPACITOR, European symbol	
C3_M4	1u	C-EUC0603	C0603	CAPACITOR, European symbol	
C1	2.2n	C-EUC0603	C0603	CAPACITOR, European symbol	
C8_M1	4.7u	C-EUC0603	C0603	CAPACITOR, European symbol	
C8_M2	4.7u	C-EUC0603	C0603	CAPACITOR, European symbol	
C8_M3	4.7u	C-EUC0603	C0603	CAPACITOR, European symbol	
C8_M4	4.7u	C-EUC0603	C0603	CAPACITOR, European symbol	
C7_M1	470n	C-EUC0603	C0603	CAPACITOR, European symbol	
C7_M2	470n	C-EUC0603	C0603	CAPACITOR, European symbol	
C7_M3	470n	C-EUC0603	C0603	CAPACITOR, European symbol	
C7_M4	470n	C-EUC0603	C0603	CAPACITOR, European symbol	
C10	47n	C-EUC0603	C0603	CAPACITOR, European symbol	
C3_REG	1u	C-EUC0805	C0805	CAPACITOR, European symbol	
C5_REG	2.2u	C-EUC0805	C0805	CAPACITOR, European symbol	
Y1	CRYSTAL	CRYSTAL	CRYSTAL	AVX Corp/Kyocera Corp CX2520DB16000D0GPSC1	1253-1718-1-ND
L1_REG	33u	INDUCTOR	INDUCTOR	Inductor	PM124SH-330M-RCCT-ND
END_X		MA02-12.54	MA02-1	PIN HEADER	
END_Y		MA02-12.54	MA02-1	PIN HEADER	
END_Z		MA02-12.54	MA02-1	PIN HEADER	
FAN1		MA02-12.54	MA02-1	PIN HEADER	
FAN2		MA02-12.54	MA02-1	PIN HEADER	
TEMP_BED		MA02-12.54	MA02-1	PIN HEADER	
TEMP_NOZZLE		MA02-12.54	MA02-1	PIN HEADER	
BED		MA04-12.54	MA04-1	PIN HEADER	
E		MA04-12.54	MA04-1	PIN HEADER	
NOZZLE		MA04-12.54	MA04-1	PIN HEADER	
SWD		MA04-12.54	MA04-1	PIN HEADER	
X		MA04-12.54	MA04-1	PIN HEADER	
Y		MA04-12.54	MA04-1	PIN HEADER	
Z		MA04-12.54	MA04-1	PIN HEADER	
12V		MA04-15.08	MA04-1_5MM	PIN HEADER	ED2699-ND / ED2910-ND
PI_HEADER		MA20-2	MA20-2	PIN HEADER	
Q1_BED	MOSFET	MOSFET	MOSFET	MOSFET	NTMFS5C604NLT1GOSCT-ND
Q1_NOZ	MOSFET	MOSFET	MOSFET	MOSFET	NTMFS5C604NLT1GOSCT-ND
IC_M1	TMC2100	TMC2100	QFN36	TMC2100	1460-1128-1-ND
IC_M2	TMC2100	TMC2100	QFN36	TMC2100	1460-1128-1-ND
IC_M3	TMC2100	TMC2100	QFN36	TMC2100	1460-1128-1-ND

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IC_M4	TMC2100	TMC2100	QFN36	TMC2100	1460-1128-1-ND
IC1	NRF51822	NRF51822	QFN48	NRF51822	1490-1025-ND
R2_BED	100k	R-US_R0603	R0603	RESISTOR, American symbol	
R2_FAN1	100k	R-US_R0603	R0603	RESISTOR, American symbol	
R2_FAN2	100k	R-US_R0603	R0603	RESISTOR, American symbol	
R2_NOZ	100k	R-US_R0603	R0603	RESISTOR, American symbol	
R3_BED	4k7	R-US_R0603	R0603	RESISTOR, American symbol	
R3_NOZ	4k7	R-US_R0603	R0603	RESISTOR, American symbol	
R1_BED	100R	R-US_R0603	R0603	RESISTOR, American symbol	
R1_FAN1	100R	R-US_R0603	R0603	RESISTOR, American symbol	
R1_FAN2	100R	R-US_R0603	R0603	RESISTOR, American symbol	
R1_LED	100R	R-US_R0603	R0603	RESISTOR, American symbol	
R1_NOZ	100R	R-US_R0603	R0603	RESISTOR, American symbol	
R1_SWA	10k	R-US_R0603	R0603	RESISTOR, American symbol	
R1_SWX	10k	R-US_R0603	R0603	RESISTOR, American symbol	
R1_SWY	10k	R-US_R0603	R0603	RESISTOR, American symbol	
R1_SWZ	10k	R-US_R0603	R0603	RESISTOR, American symbol	
R1_M1	20k	R-US_R0603	R0603	RESISTOR, American symbol	
R1_M2	20k	R-US_R0603	R0603	RESISTOR, American symbol	
R1_M3	20k	R-US_R0603	R0603	RESISTOR, American symbol	
R1_M4	20k	R-US_R0603	R0603	RESISTOR, American symbol	
R4_M1	2R2 / 3R3	R-US_R0603	R0603	RESISTOR, American symbol	
R4_M2	2R2 / 3R3	R-US_R0603	R0603	RESISTOR, American symbol	
R4_M3	2R2 / 3R3	R-US_R0603	R0603	RESISTOR, American symbol	
R4_M4	2R2 / 3R3	R-US_R0603	R0603	RESISTOR, American symbol	
R2_M1	0R15	R-US_R0805	R0805	RESISTOR, American symbol	
R2_M2	0R15	R-US_R0805	R0805	RESISTOR, American symbol	
R2_M3	0R15	R-US_R0805	R0805	RESISTOR, American symbol	
R2_M4	0R15	R-US_R0805	R0805	RESISTOR, American symbol	
R3_M1	0R15	R-US_R0805	R0805	RESISTOR, American symbol	
R3_M2	0R15	R-US_R0805	R0805	RESISTOR, American symbol	
R3_M3	0R15	R-US_R0805	R0805	RESISTOR, American symbol	
R3_M4	0R15	R-US_R0805	R0805	RESISTOR, American symbol	
IC1_REG	REGULATOR	REGULATOR	REGULATOR	5V Regulator	LM2596SX-5.0/NOPBCT-ND
LED	RGBLED	RGBLED	RGBLED	RGB LED	160-1446-1-ND
D1_REG	SCHOTTKY	SCHOTTKY	SCHOTTKY	Schottky Diode	RSX501L-20TE25CT-ND
IC2_REG	LP2985-3V3	LP2985-3V3	SOT23	LP2985 3.3V regulator	296-18476-1-ND
Q1_FAN1	MOSFETSOT23	MOSFETSOT23	SOT23_FAN	MOSFET	BSS316N H6327CT-ND
Q1_FAN2	MOSFETSOT23	MOSFETSOT23	SOT23_FAN	MOSFET	BSS316N H6327CT-ND
C2_REG	390u	TANTULUM	TANTULUM	Tantulum Capacitor	565-4300-1-ND / 565-4301-1-ND
C1_REG	560u	TANTULUM	TANTULUM	Tantulum Capacitor	565-4300-1-ND / 565-4301-1-ND
POT_M1	TRIMPOT	TRIMPOT	TRIMPOT	Trimpot	3314R-1-103ECT-ND
POT_M2	TRIMPOT	TRIMPOT	TRIMPOT	Trimpot	3314R-1-103ECT-ND
POT_M3	TRIMPOT	TRIMPOT	TRIMPOT	Trimpot	3314R-1-103ECT-ND
POT_M4	TRIMPOT	TRIMPOT	TRIMPOT	Trimpot	3314R-1-103ECT-ND