

Comment	Description	Designator	Footprint	Quantity	Manufactur	Manufacturer Part #
FSM8JRT	SWITCH TACTILE SPST-NO 0.05A 24V	Button1, Reset1	*TE_FSM8JRT	2	TE Connectivity ALCOSWITCH Switches	FSM8JRT
100pF	Capacitor	C1, C24, Cn2.C16	Cap0603	3	Yageo	CC0603JRNPO9BN101
1uF	Capacitor	C2, C4, C8, C11, C45	Cap0603	5	Samsung Electro-Mechanics	CL10A105KQ8NNNC
10uF	Capacitor	C3, C7, C41, C52	Cap0603	4	Samsung Electro-Mechanics	CL10A106MQ8NNNC
100nF	Capacitor	C5, C6, C9, C10, C21, C22, C23, C27, C28, C30, C31, C32, C34, C35, C38, C39, C46, C47, C48, C49, C50	Cap0603	21	Samsung Electro-Mechanics	CL10B104KB8NNNC
47uF	Capacitor	C12	CAP0805	1	Murata Electronics North America	GRM21BC80G476ME15L
0.8pF	Capacitor	C13	0805	1		
20pF	Capacitor	C14, C15, C18, C19, C20	CAP0805	4	Samsung Electro-Mechanics	CL21C200JBANNNC
4.7uF	Capacitor	C36, C37	Cap0603	3	Samsung Electro-Mechanics	CL10A475MQ8NNNC
16pF	Capacitor	C25, C26, C42, C43	Cap0603	4	Walsin Technology Corporation	0603N160J500CT
2.2uF	Capacitor	C29, C33	Cap0603	2	Samsung Electro-Mechanics	CL10A225KQ8NNNC
10nF	Capacitor	C40, C51, Cn1	Cap0603	3	Samsung Electro-Mechanics	CL10B103KB8NNNC
6.8uF	Capacitor	C44, C17	Cap0603	1	TDK Corporation	C1608X6S1A685K080AC
2.2nH	Inductor	Lm1	Channel_imp	1	Abracon LLC	AISC-0805-R0022J-T
4.7nH	Inductor	Lm2	Channel_imp	1	Delta Electronics/Components	0805CT-4N7EKTS
20pF	Capacitor	Cm3	Channel_imp	1	KEMET	C0805C200K5RAC7800
5.6pF	Capacitor	Cm4	Channel_imp	1	Yageo	CC0805DRNPO9BN5R6
10pF	Capacitor	Cm5	Channel_imp	1	Yageo	CC0805GRNPO9BN100

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16pF	Capacitor	Cm6	Channel_imp	1	KEMET	C0805C160J5GAC7800
SMS7630-006LF	RF Diode Schottky - 1 Pair Series Connection 1V 50mA 75mW SOT-23-3	D1, D2	SOT-23	2	Skyworks Solutions Inc	SMS7630-006LF
503398-1892	1.10mm Pitch microSD Memory Card Connector, Normal Mount Surface Mount, Push-Push Type, 1.28mm Height	J1	*MOLEX_503398-1892_503398-1892(Primary)	1	Molex	5033981892
10103592-0001LF	CONN RCPT USB2.0 MICRO B SMD R/A	J2	*AMPHENOL_10103592-0001LF_10103592-0001LF(Primary)	1	Amphenol ICC (FCI)	10103592-0001LF
FERRITE BEAD	742792651-FERRITE BEAD 600 OHM 0603 1LN	L1, L3, L4, L5, L6	1608[0603]	5	Wurth Electronics Inc.	742792651
6.8nH	Inductor	L2	0805	1		
SML-P11UTT86R	LED, PICOLED, Red, 621 nm, 1.8 V, 1 mA, 2.5 mcd	LD1, ON/OFF1, ON/OFF2	*LED_SML-P11UTT86R_SML-P11UTT86R(Primary)	3	Rohm Semiconductor	SML-P11UTT86R
SML-P11MTT86R	LED, PICOLED, Green, 569 nm, 1.9 V, 1 mA, 2.1 mcd	LD2	*LED_SML-P11UTT86R_SML-P11UTT86R(Primary)	1	Rohm Semiconductor	SML-P11MTT86R
Part Number: LD1117S33TR	No Description Available	LDO1, LDO2	LD1117S33TR	2		
Header 5X2	Header, 5-Pin, Dual row	P1	Header 5x2	1	Amphenol ICC (FCI)	67997-410HLF
Header 4	Header, 4-Pin	P2	HDR1X4	1	Sullins Connector Solutions	PPPC041LFBN-RC
SMA - End Launch-32mil	CONN SMA JACK STR 50OHM EDGE MNT	Pin1	SMA - End Launch-32mil	1	Cinch Connectivity Solutions Johnson	142-0701-881
1.5k	Resistor	R1, R2, R23	Res0603	3	Yageo	RC0603FR-071K5L
120k	Resistor	R3	Res0603	1	Panasonic Electronic Components	ERA-3AEB124V

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100k	Resistor	R4	Res0603	1	Yageo	
100k	Resistor	R5	RES0805	1	Yageo	
inf	Resistor	R6, R7	0805	2		
10K	Resistor	R8, R9, R16, R17, R24	Res0603	5	Stackpole Electronics Inc	RNCP0603FTD10K0
100	Resistor	R10	Res0603	1	Susumu	RR0816P-101-D
4.7k	Resistor	R11	Res0603	1	Yageo	RC0603FR-074K7L
330	Resistor	R12	Res0603	1	Yageo	RC0603FR-07330RL
390	Resistor	R13	Res0603	1	Yageo	RC0603FR-07390RL
47	Resistor	R14	Res0603	1	TE Connectivity Passive Product	CRGCQ0603F47R
220k	Resistor	R15	Res0603	1	TE Connectivity Passive Product	CRGCQ0603F220K
47k	Resistor	R18, R19, R20, R21, R22	Res0603	5	Yageo	RC0603FR-0747KL
1.4k	Resistor	R25	Res0603	1	Yageo	RC0603FR-071K4L
100k	Resistor	R26, R28	Res0603	2	Stackpole Electronics Inc	RMCF0603FT100K
1M	Resistor	R27	Res0603	1	Yageo	RC0603FR-071ML
12k	Resistor	R29	Res0603	1	Panasonic Electronic Components	ERA-3AEB123V
S8T	IC RF SWITCH SP10T 2.7GHZ 26QFN	RF SW1	QFN127P600-8NRev	1	Skyworks Solutions Inc.	SKY13404-466LF
0	RES 0 OHM JUMPER 1/10W 0603	SB1, SB2, SB3	1608[0603]	3	Stackpole Electronics Inc	RMCF0603ZTOR00
00hM	Resistor	SB4, SB5, SB6	Res0603	3	Panasonic Electronic Components	ERJ-3GEY0R00V
Header 6	CONN HEADER VERT 6POS 2.54MM	SWD1	HDR1X6	1	Würth Electronics Inc.	61300611121
SWITCH SLIDE SPST	Slide Switch SPST Through Hole, SWITCH SLIDE SPST 1A 120V	Switch1	TS02CQE	1	C&K	C&K
ADS8860	IC ADC 16BIT 1MSPS 10VSSOP	U1	DGS0010A_N	1	Texas Instruments	ADS8860IDGS
REF6025IDGKT	High-Precision Voltage Reference With Integrated High-Bandwidth Buffer 2.5V 8-VSSOP -40 to 125	U2	*SOP65P490X110-8N	1	Texas Instruments	REF6025IDGKT
OPA320AIDBVT	Precision, 20MHz, 0.9pA Ib, IO, CMOS Operational Amplifier 5-SOT-23 -40 to 125	U3	*SOT95P280X145-5N	1	Texas Instruments	OPA320AIDBVR

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Part Number: STM32F205RET6	IC MCU 32BIT 512KB FLASH 64LQFP	U4	LQFP-64	1	STMicroelectronics	STM32F205RET6
USB3300-EZK-TR	High Speed USB Host Device or OTG PHY USB 2.0 3.3V T/R 32-Pin QFN EP	U5	*QFN50P500X500 X100-33N	1	Microchip Technology	USB3300-EZK-TR
Part Number: MAX1823BEUB+	IC SW USB DUAL W/FB 10-UMAX	U6	21-0061L	1	Maxim Integrated Products	MAX1823BEUB+
FA-238 25.0000MB-C3	CRYSTAL 25.0000MHZ 18PF SMD	XTAL1	*XTAL_XRCGB24M 000F0L00R0	1	EPSON	FA-238 25.0000MB-C3
FA-238 24.0000MB-C3	CRYSTAL 24.0000MHZ 18PF SMD	XTAL2	*XTAL_XRCGB24M 000F0L00R0	1	EPSON	FA-238 24.0000MB-C3