

Part	Value	Device
C1	0.1uF	0.1UF-0603-25V-5%
C2	0.1uF	0.1UF-0603-25V-5%
C3	0.1uF	0.1UF-0603-25V-5%
C4	0.1uF	0.1UF-0603-25V-5%
C5	0.1uF	0.1UF-0603-25V-5%
C6	0.1uF	0.1UF-0603-25V-5%
C7	10uF	10UF-0603-6.3V-20%
C8	0.1uF	0.1UF-0603-25V-5%
C9	10uF	10UF-0603-6.3V-20%
C10	10nF	10NF-0603-50V-10%
C11	0.1uF	0.1UF-0603-25V-5%
C12	0.1uF	0.1UF-0603-25V-5%
C13	10uF	10UF-0603-6.3V-20%
C14	1.0uF	SPARKFUN-CAPACITORS_1.0UF-0603-16V-10%
C15	1.0uF	SPARKFUN-CAPACITORS_1.0UF-0603-16V-10%
C16	10uF	10UF-0603-6.3V-20%
C17	1.0uF	SPARKFUN-CAPACITORS_1.0UF-0603-16V-10%
C18	1.0uF	SPARKFUN-CAPACITORS_1.0UF-0603-16V-10%
C19	0.1uF	0.1UF-0603-25V-5%
C20	1.0uF	1.0UF-0603-16V-10%
C21	0.1uF	0.1UF-0603-25V-5%
C22	0.1uF	0.1UF-0603-25V-5%
C23	1.0uF	1.0UF-0603-16V-10%
C24	1.0uF	1.0UF-0603-16V-10%
C25	4.7pF	22PF-0603-50V-5%
C26	4.7pF	22PF-0603-50V-5%
C27	0.1uF	0.1UF-0603-25V-5%
C28	0.1uF	0.1UF-0603-25V-5%
C36	22pF	22PF-0603-50V-5%
C37	22pF	22PF-0603-50V-5%
ESD	USBLC6-2SC6SOT23-6L-L	USBLC6-2SC6SOT23-6L-L
F1	WE-CBFHF	WE-CBFHF
F3	WE-CBFHF	WE-CBFHF
FB1	30CE@/1.8A	FERRITE_BEAD-0603
FB2	4.7uH	CIG22H4R7MNE
J1	10118192-0001LF	10118192-0001LF
J2		CONN_06SILK_FEMALE_PTH
J3		CONN_01
J4	528921033	528921033
J5		CONN_01
J6		CONN_03
J7	S2B-PH-SM4-TB(LF)(SN)	S2B-PH-SM4-TB(LF)(SN)
J8	BK-912-TR	BK-912-TR
LED1		LEDCHIP-LED0603

LED2		LEDCHIP-LED0603
MEM1	W25Q16JV	W25Q128JV
QMEM	W25Q16JV	W25Q128JV
R1	10k	SPARKFUN-RESISTORS_10KOHM-0603-1/10W-1%
R2	10k	10KOHM-0603-1/10W-1%
R3	1.2K	SPARKFUN-RESISTORS_10KOHM-0603-1/10W-1%
R4	2K	SPARKFUN-RESISTORS_10KOHM-0603-1/10W-1%
R5	47OHM-KTR10EZPJ4700603	47OHM-KTR10EZPJ4700603
R6	0OHM0603	0OHM0603
R7	10k	SPARKFUN-RESISTORS_10KOHM-0603-1/10W-1%
R8	100R	SPARKFUN-RESISTORS_10KOHM-0603-1/10W-1%
R9	0OHM0603	0OHM0603
R10	0OHM0603	0OHM0603
R11	0OHM0603	0OHM0603
R12	100R	SPARKFUN-RESISTORS_10KOHM-0603-1/10W-1%
R13	10k	SPARKFUN-RESISTORS_10KOHM-0603-1/10W-1%
R14	10k	SPARKFUN-RESISTORS_10KOHM-0603-1/10W-1%
R15	10K0603	10K0603
R16	10K0603	10K0603
R17	10k	10KOHM-0603-1/10W-1%
R18	10k	10KOHM-0603-1/10W-1%
R19	10k	SPARKFUN-RESISTORS_10KOHM-0603-1/10W-1%
R20	30k	SPARKFUN-RESISTORS_10KOHM-0603-1/10W-1%
R21	10k	SPARKFUN-RESISTORS_10KOHM-0603-1/10W-1%
SUPPLY1	2PT_GND_TIE	2PT_GND_TIE
U\$2	LS027B7DH01	LS027B7DH01
U\$3	SHORT	SHORT
U\$4	SHORT	SHORT
U1	TPS61222DCKRDCK6-M	TPS61222DCKRDCK6-M
U2	TLV75533PDBVR	TLV75533PDBVR
U3	BQ24092DGQR	BQ24092DGQR
U4	SPBTLE-RF	SPBTLE-RF
U5	STM32L476VGT6	STM32L476VGT6
Y1	8MHz	FOXSDLF/080-20
Y2	NX3215SA-32.768K	NX3215SA-32.768K-EXS00A-MU0000