

REFDES	Value	Package	MPN	Vendor	VPN	Supplied
B1	534-2464	534-2464		Mouser	534-2464	
C1	.1u	C0402K		Mouser	710-885012105001	
C2	.1u	C0402K		Mouser	710-885012105001	
C3	.1u	C0402K		Mouser	710-885012105001	
C4	.1u	C0402K		Mouser	710-885012105001	
C5	.1u	C0402K		Mouser	710-885012105001	
C6	10u	C0805K		Mouser	963-LMK212ABJ106MG-T	
C7	10u	C0805K		Mouser	963-LMK212ABJ106MG-T	
C8	.1u	C0402K		Mouser	710-885012105001	
C9	.1u	C0402K		Mouser	710-885012105001	
C10	.1u	C0402K		Mouser	710-885012105001	
C11	.1u	C0402K		Mouser	710-885012105001	
C12	.1u	C0402K		Mouser	710-885012105001	
C13	.1u	C0402K		Mouser	710-885012105001	
C14	.1u	C0402K		Mouser	710-885012105001	
C15	.1u	C0402K		Mouser	710-885012105001	
C16	.1u	C0402K		Mouser	710-885012105001	
C17	.1u	C0402K		Mouser	710-885012105001	
C18	.1u	C0402K		Mouser	710-885012105001	
C19	300p	C0603K		Mouser	963-TMK063CG301JT-F	
C20	.1u	C0402K		Mouser	710-885012105001	
C21	.1u	C0402K		Mouser	710-885012105001	
C23	300p	C0603K		Mouser	963-TMK063CG301JT-F	
C24	.1u	C0402K		Mouser	710-885012105001	
C25	.1u	C0402K		Mouser	710-885012105001	
C26	.1u	C0402K		Mouser	710-885012105001	
C27	.1u	C0402K		Mouser	710-885012105001	
C28	.1u	C0402K		Mouser	710-885012105001	
IC1	TLV62569	DBV-5		Mouser	595-TLV62569DBVR	
J1	5051101092	5051101092		Mouser	538-505110-1092	
J2	NP			Mouser		

JP1	NP			Mouser		
L1	NR3015T1R0N	NR3015		Mouser	963-NR3015T1R0N	
LED1	WS2812B	WS2812B		Sparkfun	WS2818	X
LED2	WS2812B	WS2812B		Sparkfun	WS2819	X
LED3	WS2812B	WS2812B		Sparkfun	WS2820	X
LED4	WS2812B	WS2812B		Sparkfun	WS2821	X
LED5	WS2812B	WS2812B		Sparkfun	WS2822	X
LED6	WS2812B	WS2812B		Sparkfun	WS2823	X
LED7	WS2812B	WS2812B		Sparkfun	WS2824	X
LED8	WS2812B	WS2812B		Sparkfun	WS2825	X
LED9	WS2812B	WS2812B		Sparkfun	WS2826	X
LED10	WS2812B	WS2812B		Sparkfun	WS2827	X
LED11	WS2812B	WS2812B		Sparkfun	WS2828	X
LED12	WS2812B	WS2812B		Sparkfun	WS2829	X
LED13	WS2812B	WS2812B		Sparkfun	WS2830	X
LED14	WS2812B	WS2812B		Sparkfun	WS2831	X
R1	1.0k	R0603		Mouser	71-CRCW0603-1.0K-E3	
R2	1.0k	R0603		Mouser	71-CRCW0603-1.0K-E4	
R3	1.0k	R0603		Mouser	71-CRCW0603-1.0K-E5	
R4	1.0k	R0603		Mouser	71-CRCW0603-1.0K-E6	
R5	1.0k	R0603		Mouser	71-CRCW0603-1.0K-E7	
R6	453k	R0603		Mouser	71-CRCW0603-453K-E3	
R7	97.6k	R0603		Mouser	667-ERJ-3EKF9762V	
R8		47 R0603		Mouser	594-MCT06030C4709FP5	
R9		220 R0603		Mouser	652-CR0603-JW-221ELF	
R10	1.0k	R0603		Mouser	71-CRCW0603-1.0K-E7	
S1	PTS810	PTS810		Mouser	611-PTS810SJG250SMTR	
S2	PTS810	PTS810		Mouser	611-PTS810SJG250SMTR	
S3	PTS810	PTS810		Mouser	611-PTS810SJG250SMTR	
S4	PTS810	PTS810		Mouser	611-PTS810SJG250SMTR	
S5	PTS810	PTS810		Mouser	611-PTS810SJG250SMTR	

S6	SSSS811101	SSSS811101		Mouser	688-SSSS811101	
S7	SW-200D	SW-200D		Amazon	SW-200D	X
SD1	114-00841-68	114-00841-68		Mouser	523-114-00841-68	
U1		BMD-300		Mouser	377-BMD300AR	
Display	CFAF128128B-0145T			CrystalFontz		X