







Designator	Comment	Description	LibRef	Packaging	Quantity	Supplier 1	Supplier Part Number 1
D1	VLMB1500-GS08	Standard LEDs - SMD 0402 B	VLMB1500-GS08		1	Digi-Key	VLMB1500-GS08DKR-NE
D2	VLMB1500-GS08	Standard LEDs - SMD 0402 B	VLMB1500-GS08	Tape and Reel	1		VLMB1500-GS08DKR-NE
D3	VLMB1500-GS08	Standard LEDs - SMD 0402 B	VLMB1500-GS08	Tape and Reel	1		VLMB1500-GS08DKR-NE
D4	VLMB1500-GS08	Standard LEDs - SMD 0402 B			1	Digi-Key	VLMB1500-GS08DKR-NE
D5	VLMB1500-GS08	Standard LEDs - SMD 0402 B			1	Digi-Key	VLMB1500-GS08DKR-ND
D6	VLMB1500-GS08	Standard LEDs - SMD 0402 B			1	Digi-Key	VLMB1500-GS08DKR-NE
D7	VLMB1500-GS08	Standard LEDs - SMD 0402 B			1	Digi-Key	VLMB1500-GS08DKR-NE
D8	VLMB1500-GS08	Standard LEDs - SMD 0402 B	VLMB1500-GS08	Tape and Reel	1	Digi-Key	VLMB1500-GS08DKR-NE
D9	VLMB1500-GS08	Standard LEDs - SMD 0402 B			1	Digi-Key	VLMB1500-GS08DKR-NE
D10	VI MB1500-GS08	Standard LEDs - SMD 0402 B			1		VI MB1500-GS08DKR-NI
D11	VLMB1500-GS08	Standard LEDs - SMD 0402 B			1	Digi-Key	VLMB1500-GS08DKR-NE
D12	VLMB1500-GS08	Standard LEDs - SMD 0402 B			1		VLMB1500-GS08DKR-NE
D13	VLMB1500-GS08	Standard LEDs - SMD 0402 B			1	Digi-Key	VLMB1500-GS08DKR-NE
D14	VLMB1500-GS08	Standard LEDs - SMD 0402 B				Digi-Key	VLMB1500-GS08DKR-NE
D15	VLMB1500-GS08	Standard LEDs - SMD 0402 B			1	Digi-Key	VLMB1500-GS08DKR-NE
D16	VLMB1500-GS08	Standard LEDs - SMD 0402 B			1	Digi-Key	VLMB1500-GS08DKR-NE
D17	VLMB1500-GS08	Standard LEDs - SMD 0402 B				Digi-Key	VLMB1500-GS08DKR-NE
D18	VLMB1500-GS08	Standard LEDs - SMD 0402 B			1	Digi-Key	VLMB1500-GS08DKR-NE
D19	VLMB1500-GS08	Standard LEDs - SMD 0402 B			1	Digi-Key	VLMB1500-GS08DKR-NE
D20	VLMB1500-G508	Standard LEDs - SMD 0402 B			1	Digi-Key Digi-Key	VLMB1500-GS08DKR-NE
D21	VLMB1500-G508	Standard LEDs - SMD 0402 B				Digi-Key Digi-Key	VLMB1500-GS08DKR-NE
D22	VLMB1500-G508	Standard LEDs - SMD 0402 B			1		VLMB1500-GS08DKR-NE
						Digi-Key	
D23 D24	VLMB1500-GS08 VLMB1500-GS08	Standard LEDs - SMD 0402 B			1	Digi-Key	VLMB1500-GS08DKR-NE VLMB1500-GS08DKR-NE
D24 D25		Standard LEDs - SMD 0402 B				Digi-Key	
	VLMB1500-GS08	Standard LEDs - SMD 0402 B			1	Digi-Key	VLMB1500-GS08DKR-NE
D26	VLMB1500-GS08	Standard LEDs - SMD 0402 B			1	Digi-Key	VLMB1500-GS08DKR-NE
D27	VLMB1500-GS08	Standard LEDs - SMD 0402 B			1	0 -7	VLMB1500-GS08DKR-NE
D28	VLMB1500-GS08	Standard LEDs - SMD 0402 B			1	Digi-Key	VLMB1500-GS08DKR-NE
D29	VLMB1500-GS08	Standard LEDs - SMD 0402 B			1	Digi-Key	VLMB1500-GS08DKR-NE
D30	VLMB1500-GS08	Standard LEDs - SMD 0402 B	VLMB1500-GS08	Tape and Reel	1	Digi-Key	VLMB1500-GS08DKR-NE
D31	VLMB1500-GS08	Standard LEDs - SMD 0402 B			1		VLMB1500-GS08DKR-NE
D32	VLMB1500-GS08	Standard LEDs - SMD 0402 B				Digi-Key	VLMB1500-GS08DKR-NE
D33	VLMB1500-GS08	Standard LEDs - SMD 0402 B			1	Digi-Key	VLMB1500-GS08DKR-NE
J1	500SSP1S1M6QEA	SWITCH SLIDE SPDT 5A 120V	SLIDE SPDT	Bulk	1	Digi-Key	EG2478-ND
P1	PJ-002A	PJ-002 Series 2 x 6.5 mm 16		Bulk	1	Digi-Key	CP-002A-ND
J2	MiniBreadbaord	Mini Breadboard	MINI_BREADBO	ARD	1	Digi-Key	1738132-1-ND
C5	330n	330n	C0805_330n	Tape and Reel	1	Digi-Key	1276-6479-1-ND
C1	10u	10u	C0805_10u	Tape and Reel	1	Digi-Key	1276-6457-1-ND
C2	10u	10u	C0805_10u	Tape and Reel	1	Digi-Key	1276-6457-1-ND
C3	10u	10u	C0805_10u	Tape and Reel	1	Digi-Key	1276-6457-1-ND
C4	10u	10u	C0805_10u	Tape and Reel	1	Digi-Key	1276-6457-1-ND
C6	100n	100n	C0805_100n	Tape and Reel	1	Digi-Key	1276-1007-1-ND
U5	L7805CDT-TR	IC REG LDO 5V 1.5A DPAK	L7805CDT-TR	Tape and Reel	1	Digi-Key	497-7255-2-ND
R1	RC0402FR-07200RL	RES SMD 200 OHM 1% 1/16V	R0402 200	Tape and Reel	1	Digi-Key	311-200LRCT-ND
R2	RC0402FR-07200RL	RES SMD 200 OHM 1% 1/16V		Tape and Reel	1	Digi-Key	311-200LRCT-ND
R3	RC0402FR-07200RL	RES SMD 200 OHM 1% 1/16V	R0402 200	Tape and Reel	1	Digi-Key	311-200LRCT-ND
R4	RC0402FR-07200RI	RES SMD 200 OHM 1% 1/16V		Tape and Reel	1	Digi-Key	311-2001 RCT-ND
R5	RC0402FR-07200RL	RES SMD 200 OHM 1% 1/16V		Tape and Reel	1	Digi-Key	311-200LRCT-ND
R6	RC0402FR-07200RL	RES SMD 200 OHM 1% 1/16V		Tape and Reel	1		311-200LRCT-ND
R7	RC0402FR-07200RL	RES SMD 200 OHM 1% 1/16V		Tape and Reel	1	Digi-Key	311-200LRCT-ND
R8	RC0402FR-07200RL	RES SMD 200 OHM 1% 1/16V		Tape and Reel		Digi-Key	311-200LRCT-ND
R9	RC0402FR-07200RL	RES SMD 200 OHM 1% 1/16V		Tape and Reel	1	Digi-Key	311-200LRCT-ND
R10	RC0402FR-07200RL	RES SMD 200 OHM 1% 1/16V		Tape and Reel	1	Digi-Key Digi-Key	311-200LRCT-ND
R11	RC0402FR-07200RL	RES SMD 200 OHM 1% 1/16V			1		311-200LRCT-ND
R12	RC0402FR-07200RL	RES SMD 200 OHM 1% 1/16V		Tape and Reel Tape and Reel		Digi-Key Digi-Key	311-200LRCT-ND
					1		311-200LRCT-ND
R13 R14	RC0402FR-07200RL RC0402FR-07200RL	RES SMD 200 OHM 1% 1/16V RES SMD 200 OHM 1% 1/16V		Tape and Reel Tape and Reel	1	Digi-Key	311-200LRCT-ND
R15					1	Digi-Key	
R16	RC0402FR-07200RL RC0402FR-07200RL	RES SMD 200 OHM 1% 1/16V RES SMD 200 OHM 1% 1/16V		Tape and Reel Tape and Reel	1	Digi-Key	311-200LRCT-ND 311-200LRCT-ND
						Digi-Key	
R17	RC0402FR-07200RL	RES SMD 200 OHM 1% 1/16V		Tape and Reel		Digi-Key	311-200LRCT-ND
R18	RC0402FR-07200RL	RES SMD 200 OHM 1% 1/16\		Tape and Reel	1	Digi-Key	311-200LRCT-ND
R19	RC0402FR-07200RL	RES SMD 200 OHM 1% 1/16V		Tape and Reel	1	Digi-Key	311-200LRCT-ND
R20	RC0402FR-07200RL	RES SMD 200 OHM 1% 1/16V		Tape and Reel	1	Digi-Key	311-200LRCT-ND
R21	RC0402FR-07200RL	RES SMD 200 OHM 1% 1/16V		Tape and Reel	1	Digi-Key	311-200LRCT-ND
R22	RC0402FR-07200RL	RES SMD 200 OHM 1% 1/16V		Tape and Reel	1	Digi-Key	311-200LRCT-ND
R23	RC0402FR-07200RL	RES SMD 200 OHM 1% 1/16V		Tape and Reel	1	Digi-Key	311-200LRCT-ND
R24	RC0402FR-07200RL	RES SMD 200 OHM 1% 1/16V		Tape and Reel	1	Digi-Key	311-200LRCT-ND
R25	RC0402FR-07200RL	RES SMD 200 OHM 1% 1/16V		Tape and Reel	1	Digi-Key	311-200LRCT-ND
R26	RC0402FR-07200RL	RES SMD 200 OHM 1% 1/16V		Tape and Reel	1	Digi-Key	311-200LRCT-ND
R27	RC0402FR-07200RL	RES SMD 200 OHM 1% 1/16V		Tape and Reel		Digi-Key	311-200LRCT-ND
R28	RC0402FR-07200RL	RES SMD 200 OHM 1% 1/16V	R0402_200	Tape and Reel	1	Digi-Key	311-200LRCT-ND
R29	RC0402FR-07200RL	RES SMD 200 OHM 1% 1/16V		Tape and Reel	1	Digi-Key	311-200LRCT-ND
R30	RC0402FR-07200RL	RES SMD 200 OHM 1% 1/16V		Tape and Reel	1	Digi-Key	311-200LRCT-ND
R31	RC0402FR-07200RL	RES SMD 200 OHM 1% 1/16V		Tape and Reel	1	Digi-Key	311-200LRCT-ND
R32	RC0402FR-07200RL	RES SMD 200 OHM 1% 1/16V		Tape and Reel		Digi-Key	311-200LRCT-ND
R33	RC0402FR-07200RL	RES SMD 200 OHM 1% 1/16V		Tape and Reel	1	Digi-Key	311-200LRCT-ND
	SN74HC595DR	IC, SM, LOGIC, 74HC, REGIST		Tape and Reel	1		296-14857-6-ND
J1					1		
	SN74HC595DP	IC SM LOGIC TAHE DECISE	74HC595				
J1 J2	SN74HC595DR SN74HC595DR	IC, SM, LOGIC, 74HC, REGIST		Tape and Reel		Digi-Key Digi-Key	296-14857-6-ND
	SN74HC595DR SN74HC595DR SN74HC595DR	IC, SM, LOGIC, 74HC, REGISTI IC, SM, LOGIC, 74HC, REGISTI IC, SM, LOGIC, 74HC, REGISTI	74HC595	Tape and Reel Tape and Reel Tape and Reel		Digi-Key Digi-Key Digi-Key	296-14857-6-ND 296-14857-6-ND 296-14857-6-ND