

Quantity	Designator	Type	Comment	Description	Manufacturer	Manufacturer Part Number	LibRef	Supplier 1	Supplier Part Number 1
8	C500, C501, C502, C503, C504, C505, C506, C507	Capacitor	C 2.2uF 0402 6.3V	CAP CER 2.2UF 6.3V X6T 0402	Murata Electronics	GRM155D80J225ME95D	CAP_2.2uF_6V3_0402	Digi-Key	490-10450-1-ND
1	J500	Connector	FPC24	CONN FPC BOT 24 PIN 1mm Pitch	MOLEX	522712479	J_FPC24_DS	LCSC	C293627
1	D506	Diode, LED	LED Y	LED YELLOW DIFFUSED	Stanley Electric Co	FKY1111C-TR	D_LED_Yellow_0603	Digi-Key	404-1273-1-ND
3	D513, D514, D515	Diode, LED	LED W	LED XLAMP WARM WHT 2700K SMD	CreeLED, Inc.	XTEAWT-E0-0000-00000HEE8	D_LED_W_HP_3	Digi-Key	XTEAWT-E0-0000-00000HEE8TR-ND
4	D504, D505, D507, D508	Diode, LED	LED G	LED GREEN DIFFUSED 0603 SMD	OSRAM Opto Semiconductors Inc.	LT Q39G-Q100-25-1	D_LED_Green_0603	Digi-Key	475-3442-1-ND
8	D500, D501, D502, D503, D509, D510, D511, D512	Diode, LED	LED W	LED WHITE SIDE SMD	Everlight Elec	99-218UMC/1637CD/TR8-T	D_LED_White_s	LCSC	C710226
1	IC501	IC, Driver	BL55072A-R	IC LCD DRIVER 36SEG TSSOP-48	BL(Shanghai Belling)	BL55072A-R	IC_LCD_cntr_BL55072A-R	LCSC	C524044
2	IC500, IC502	IC, Driver	MIC2841AYMT	IC LED DRIVER 4 CH	Microchip Technology	MIC2841AYMT-TR	IC_LED_cntr_MIC2841	Mouser	998-MIC2841AYMTTR
3	IC503, IC504, IC505	IC, Driver	OC7140	IC LED DRIVER 1 CH 2A ESOP8	OCX	OC7140	IC_LED_cntr_OC7140	LCSC	C842736
1	CABLE500	other	FPC24p80mm	FPC Cable 1mm Pitch 24Pin 80mm Opposite Sides	LX	C50299	CABLE_FPC24_80	LCSC	C50299
3	HS500, HS501, HS502	other	Heatsink	Heatsink 6.5mm x 6.5mm	Alphacool	17425	Heatsink_6.5x6.5	Amazon	B077VQTB6Q
5	SW500, SW501, SW502, SW503, SW504	other	SW	SWITCH TACTILE SW-SMD	BRIGHT	TSA063G50-250	SW_TactileSW_V_2	LCSC	C294565
1	DS500	other, Display	LCD 4x1	LCD MOD 4 DIG 4 X 1 REFLECTIVE	Varitronix	VI-402-DP-RC-S	DISPL_7SEG_4x1	Digi-Key	153-1135-ND
1	R513	Resistor	R 2k 0402	RES 2K OHM 1% 1/16W 0402	Stackpole Electronics Inc	RMCF0402FT2K00	R_2k_0402	Digi-Key	RMCF0402FT2K00CT-ND
3	R506, R509, R510	Resistor	R 0R27 1206	RES 0.27 OHM 1% 1/3W 1206	RALEC	RTT06R270FTP	R_OR27_1206	LCSC	C104939
3	R518, R519, R520	Resistor	R 270k 0402	RES 270K OHM 1% 1/16W 0402	YAGEO	RC0402FR-07270KL	R_270k_0402	Digi-Key	311-270KLRCT-ND
4	R500, R501, R503, R504	Resistor	R 10k 0402	RES 10K OHM 1% 1/16W 0402	YAGEO	RC0402FR-0710KL	R_10k_0402	Digi-Key	311-10.0KLRCT-ND
4	R511, R512, R514, R515	Resistor	R 16k 0402	RES 16K OHM 1% 1/16W 0402	Stackpole Electronics Inc	RMCF0402FT16K0	R_16k_0402	Digi-Key	RMCF0402FT16K0CT-ND
5	R505, R507, R508, R509	Resistor	R 0R0 0402	RES 0 OHM JUMPER 1/16W 0402	Stackpole Electronics Inc	RMCF0402ZT0R00	R_OR0_0402	Digi-Key	RMCF0402ZT0R00CT-ND