

Quantity	Designator	Type	Comment	Description	Manufacturer	Manufacturer Part Number	LibRef
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	GRM155D80J225 ME95D	CAP_2.2uF_6V3_0402
1	J500	Connector	FPC24	CONN FPC BOT 24 PIN 1mm Pitch	MOLEX	522712479	J_FPC24_DS
1	D506	Diode, LED	LED Y	LED YELLOW DIFFUSED	Stanley Electric Co	FKY1111C-TR	D_LED_Yellow_0603
3	D513, D514, D515	Diode, LED	LED W	LED XLAMP WARM WHITE 3250K 4SMD	CreeLED, Inc.	MLEAWT-A1-0000-0003F7	D_LED_W_HP
4	D504, D505, D507, D508	Diode, LED	LED G	LED GREEN DIFFUSED 0603 SMD	OSRAM Opto Semiconductors Inc.	LT Q39G-Q1OO-25-1	D_LED_Green_0603
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
1	IC501	IC, Driver	BL55072A-R	IC LCD DRIVER 36SEG TSSOP-48	BL(Shanghai Bellng)	BL55072A-R	IC_LCD_cntr_BL55072A-R
2	IC500, IC502	IC, Driver	MIC2841AYMT	IC LED DRIVER 4 CH	Microchip Technology	MIC2841AYMT-TR	IC_LED_cntr_MIC2841
3	IC503, IC504, IC505	IC, Driver	OC7140	IC LED DRIVER 1 CH 2A ESOP8	OCX	OC7140	IC_LED_cntr_OC7140
1	CABLE500	other	FPC24p80mm	FPC Cable 1mm Pitch 24Pin 80mm Opposite Sides	LX	C50299	CABLE_FPC24_80
5	SW500, SW501, SW502, SW503, SW504	other	SW	SWITCH TACTILE SW-SMD	BRIGHT	TSA063G50-250	SW_TactileSW_V2
1	DS500	other, Display	LCD 4x1	LCD MOD 4 DIG 4 X 1 REFLECTIVE	Varitronix	VI-402-DP-RC-S	DISPL_7SEG_4x1
3	R505, R507, R508	Resistor	R 0R0 0402	RES 0 OHM JUMPER 1/16W 0402	Stackpole Electronics Inc	RMCF0402ZT0R00	R_0R0_0402
3	R506, R509, R510	Resistor	R 0R27 1206	RES 0.27 OHM 1% 1/3W 1206	RALEC	RTT06R270FTP	R_0R27_1206
4	R500, R501, R503, R504	Resistor	R 10k 0402	RES 10K OHM 1% 1/16W 0402	YAGEO	RC0402FR-0710KL	R_10k_0402

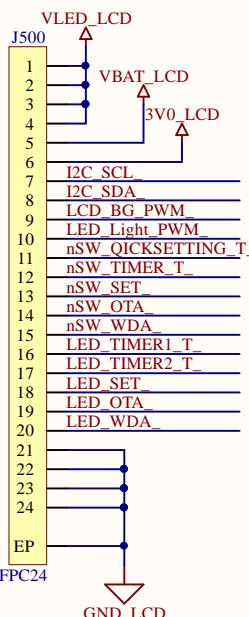
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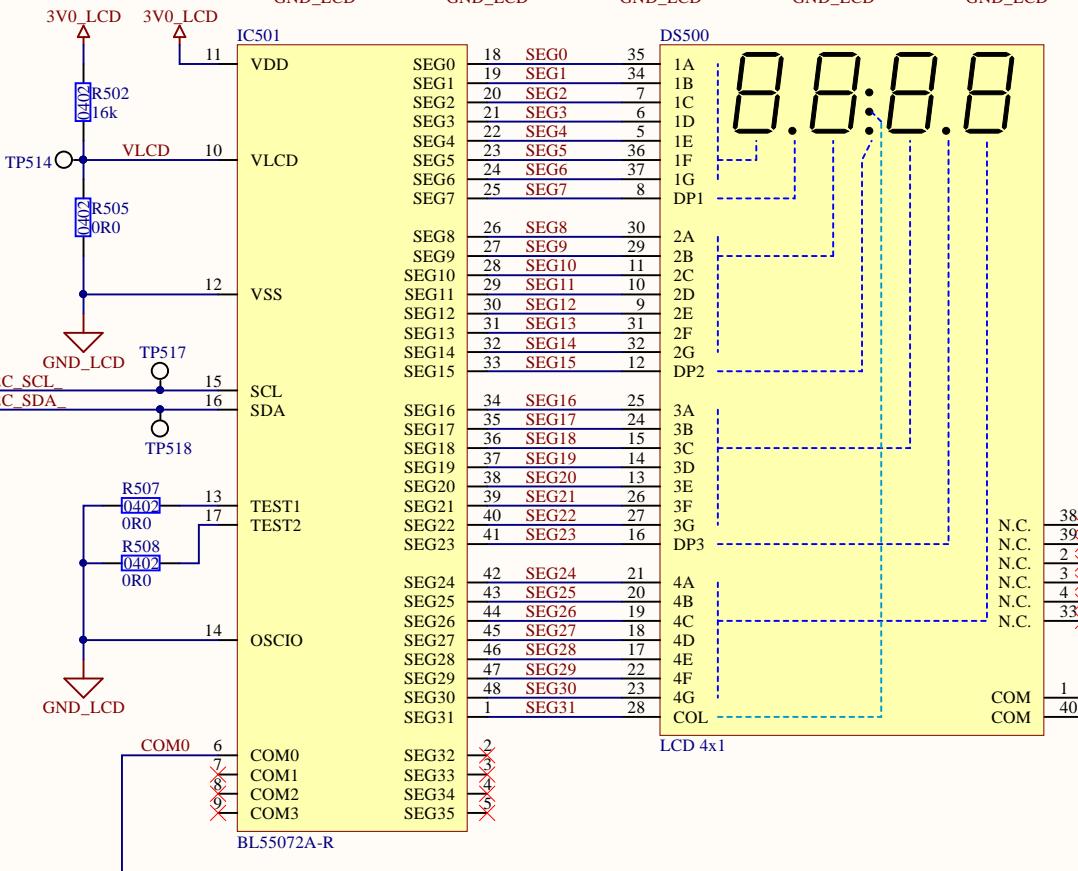
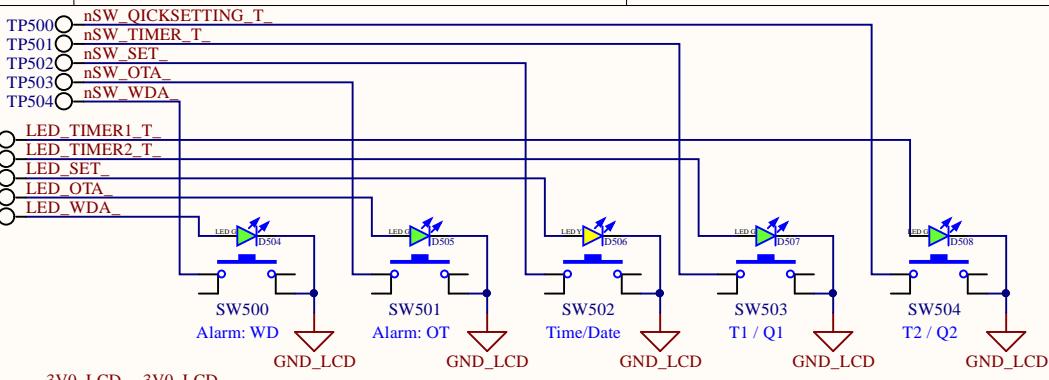
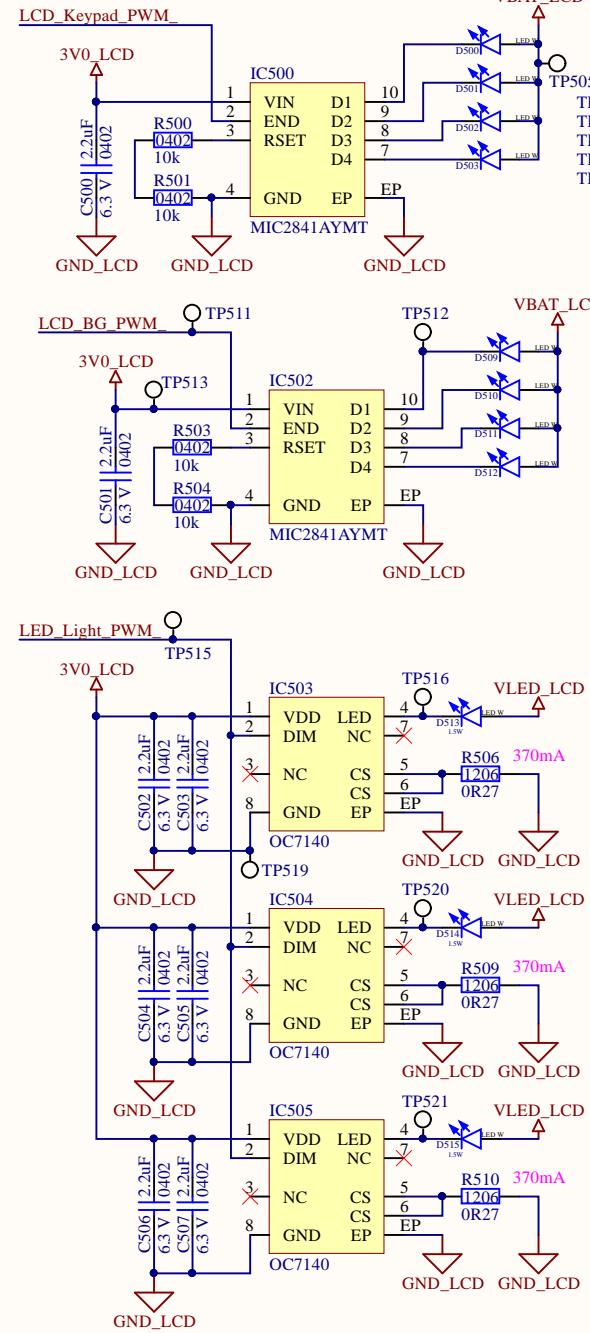
A



FPC Cable
1.0mm 80mm
24Pin
Opposite Side
CABLE500

FIDJ100 FIDJ101

M100 M101 M102



Title: **Timer_Clock_TOP.PrbPcb**

Marius Tetard
2022-05 / Freiburg

CIRCUIT STUDIO

Size: A4 Number: 1 Revision: V1.0

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File: LCD.SchDoc

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