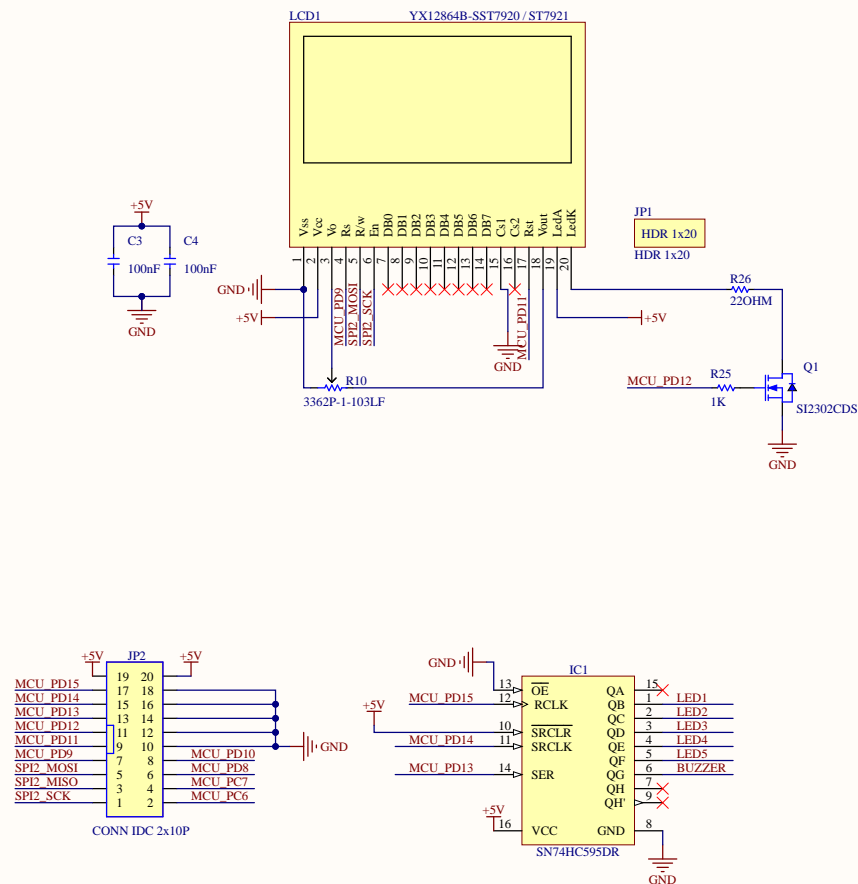


IPMS 2.3 Module LCD.SchDoc



POP MONITORING SYSTEM			
Title: IPMS 2.3 Module LCD.PrjPcb			
Page Contents: IPMS 2.3 Module LCD.SchDoc			
Size:	DWG NO		Revision: *
Date: 21/02/2022	Ho Hoang Anh	Sheet 1	of 1

Comment	Description	Designator	Footprint	LibRef	Quantity
100nF	100nF 50V X7R ±10% 0603 Multilayer Ceramic Capacitors MLCC - SMD/SMT ROHS	C3, C4, C15, C16, C17	C_0603	CC0603KRX7R9BB 104	5
HLMP-3507	LED, 5MM, GREEN, 4.2MCD, 569NM	D1, D2, D3, D4, D5, D6	LED_5MM_GRE	HLMP-3507	6
BAT54C-7-F	DIODE ARRAY SCHOTTKY 30V SOT23-3	D7	SOT-23-3	BAT54C-7-F	1
SN74HC595DR	74HC Shift Register SOIC- 16_150mil Registers ROHS	IC1	SOIC- 16_3.9x9.9x1.27P	SN74HC595DR	1
HDR 1x20	Connector Header Through Hole 20 position 0.100" (2.54mm)	JP1	HDR1X20	61302011121	1
CONN IDC 2x10P	2.54mm Straight Push - Pull 2.54mm 2 Plugin,P=2.54mm IDC Connectors ROHSM	JP2	IDC-TH_20P-P2.54- V-R2-C10-S2.54	IDC 2X10P Push- Pull	1
KEYCAP RED B3F- 4055	Keycap red for tact switch B3F- 4055 12x12mm	KC1		KEYCAP RED B3F- 4055	1
KEYCAP YELLOW B3F-4055	Keycap yellow for tact switch B3F- 4055 12x12mm	KC2, KC3		KEYCAP YELLOW B3F-4055	2
YX12864B- SST7920 / ST7921	LCD12864B-V2.0 128x64 DOTS, Graphic LCD module, White/ Blue, 5V Parallel / SPI Driver ST7290/ST7291	LCD1	GLCD_12864B	YX12864B	1
LEDEW-5	Photoelectric Accessories LED 3mm Spacer Support 4.2*5mm	LS1, LS2, LS3, LS4, LS5, LS6	Led Spacer support 4.2*5mm	LEDEW-5	6
SI2302CDS	MOSFET N-CH 20V 2.6A SOT-23	Q1	SOT-23-3	SI2302CDS-T1-GE3	1
MMBT3904LT1G	MMBT3904 TRANSISTORS (NPN/PNP) NPN 200MA 40V SOT- 23(SOT-23-3) ROHS	Q2, Q3	SOT-23-3	MMBT3904LT1G	2
1K	1KOHMS ±1% 1/10W 0603 ROHS	R1, R2, R3, R4, R5, R6, R25, R27, R30	R_0603	0603WAF1001T5E	9
10K	10KOHMS ±1% 1/10W 0603 ROHS	R7, R8, R9, R11, R12	R_0603	0603WAF1002T5E	5
3362P-1-103LF	10K ±10% ±100ppm/°C 3362P Precision Potentiometer RoHS	R10	RES-ADJ- TH_3362P	3362P-1-103LF	1
220HM	22Ω 1206 ±1% 1/4W Thick Film Resistors 200V ±100ppm/°C - 55°C~+155°C	R26	R_1206	1206W4F220JT5E	1
B3F-4055	12mm 7.3mm Square Plunger 50mA Straight 12mm SPST 12V Plugin Tactile Switches ROHS	S1, S2, S3	KEY-TH_4P-L12.0- W12.0-P5.08- LS12.50	B3F-4055	3
TMB12A05	Magnetic YES 2300±400Hz 85dB @ 5V, 10cm 5V Φ12mm Through Hole 7.62 Buzzers RoHS	U10	Buzzer_P=7.62 12mm	BUZ_TMB12A05	1