Source:		…/KiCad/6.0/projects/DALI_2022/DALI_2022_D.kicad_sch		
Ref	Qnty	Value	Cmp name	Footprint	Description

Ref	Qnty	Value	Cmp name	Footprint	Description
Boot1,	1	Boot / BTN1	SW_Push	Button_Switch_SMD:SW_Push_1P1T_NO_6x6mm_MaWe	Push button switch, generic, two pins
C1,	1	10µF 25V	C	Capacitor_SMD:C_0603_1608Metric	Unpolarized capacitor
C2,	1	10µF 10V	C	Capacitor_SMD:C_0603_1608Metric	Unpolarized capacitor
C3,	1	1µF	C	Capacitor_SMD:C_0603_1608Metric	Unpolarized capacitor
C4,	1	100nF 15V	C	Capacitor_SMD:C_0603_1608Metric	Unpolarized capacitor
C5,	1	10µF 3v3	C	Capacitor_SMD:C_0603_1608Metric	Unpolarized capacitor
C6,	1	22µF	C	Capacitor_SMD:C_0805_2012Metric	Unpolarized capacitor
C7,	1	100nF	C	Capacitor_SMD:C_0603_1608Metric	Unpolarized capacitor
D1,	1	Green (2,4V 25mA)	LED	LED_SMD:LED_0603_1608Metric	Light emitting diode
D2, D7,	2	Red (2V 20mA)	LED	LED_SMD:LED_0603_1608Metric	Light emitting diode
D3,	1	MMBD7000HC-7-F	BAV99	Package_TO_SOT_SMD:SOT-23	BAV99 High-speed switching diodes, SOT-23
D4,	1	MM5Z3V0	MM5Zxx	Diode_SMD:D_SOD-523	300mW Zener Diode, SOD-523
D5,	1	BGX_50A_E6327	BGX_50A_E6327	Package_TO_SOT_SMD:SOT-143	Miniature Glass Passivated Single-Phase Surface Mount Bridge Rectifiers, 140V Vrms, 0.8A If, ABS SMD package
D6,	1	SK33A-TP 3A 21V	D_Schottky	Diode_SMD:D_SMA	Schottky diode
J6,	1	Wago 2604-1302	Wago 2604-1302	Connector:2604-1302	
L1,	1	3.3µH	L_Iron	Inductor_SMD:L_7.3x7.3_H4.5	Inductor with iron core
Q1, Q2,	2	PZT2222A	PZT2222A	Package_TO_SOT_SMD:SOT-223-3_TabPin2	1A Ic, 40V Vce, NPN Transistor, General Purpose Transistor, SOT-223
Q3,	1	DMG3414UQ-7	IRLML2060	Package_TO_SOT_SMD:SOT-23	1.2A Id, 60V Vds, 480mOhm Rds, N-Channel HEXFET Power MOSFET, SOT-23
R2,	1	10R 1W	R	Resistor_SMD:R_2512_6332Metric	Resistor
R3,	1	1K 1/4W	R	Resistor_SMD:R_1206_3216Metric	Resistor
R4,	1	120R	R	Resistor_SMD:R_0603_1608Metric	Resistor
R5,	1	330R	R	Resistor_SMD:R_0603_1608Metric	Resistor
R6,	1	2.2K	R	Resistor_SMD:R_0603_1608Metric	Resistor
R7, R12, R16, R17, R18, R20, R21,	7	10K	R	Resistor_SMD:R_0603_1608Metric	Resistor
R8, R15,	2	1K	R	Resistor_SMD:R_0603_1608Metric	Resistor
R9,	1	4.7K	R	Resistor_SMD:R_0603_1608Metric	Resistor
R10,	1	0.05R	R	Resistor_SMD:R_1206_3216Metric	Resistor
R11,	1	120K 1%	R	Resistor_SMD:R_0603_1608Metric	Resistor
R13,	1	10K 1%	R	Resistor_SMD:R_0603_1608Metric	Resistor
R14,	1	220R	R	Resistor_SMD:R_0603_1608Metric	Resistor
R19,	1	68	R	Resistor_SMD:R_0603_1608Metric	Resistor
Reset1,	1	Reset	SW_Push	Button_Switch_SMD:SW_Push_1P1T_NO_6x6mm_MaWe	Push button switch, generic, two pins
SW2,	1	RotaryEncoder_Switch	RotaryEncoder_Switch	Rotary_Encoder:RotaryEncoder_Alps_EC11E-Switch_Vertical_H20mm	Rotary encoder, dual channel, incremental quadrate outputs, with switch
SW6,	1	YSS-1210	YSS-1210	Package_SIP:YSS-1210	
U1, U2,	2	TCLT1000	TCLT1000	Package_TO_SOT_SMD:SOP-4L	DC Optocoupler, Vce 35V, CTR 50%, DIP-4
U3,	1	MCP1650S-E/MS	MCP1650	Package_SO:MSOP-8_3x3mm_P0.65mm	750 kHz Boost Controller, 3.3-100V output voltage, 5W, MSOP-8
U4,	1	ESP32-S2-WROVER	ESP32-S2-WROVER	RF_Module:ESP32-S2-WROVER	RF Module, ESP32-D0WDQ6 SoC, Wi-Fi 802.11b/g/n, 32-bit, 2.7-3.6V, onboard antenna, SMD
U6,	1	Waveshare_2in_LCD	Waveshare_2in_LCD_1	Display:Waveshare 2inch LCD Display	
U7,	1	MW_USB_C	MW_USB_C	Connector:MW_USB_C	
U8,	1	AP1117-15:3v3	AP1117-15	Package_TO_SOT_SMD:TO-252-2	1A Low Dropout regulator, positive, 1.5V fixed output, SOT-223