

Mark of drawing	Kind of parts	Rating/Model of parts	Remarks
IC1	IC (Step up DC/DC Converter)	TPS61041DRV [TI]	
IC2	IC (I2C/SMBus Accelerator)	LTC4311ISC6#TRPBF [AD]	
Q1	N+Pch MOS FET	NTLJD3119C [ON Semi]	
Q2	Nch MOS FET	SSM3K36TU [TOSHIBA]	
Q3,Q4,Q5,Q6,Q7,Q8	NPN Transistor	DTC114YU3T106 [ROHM]	
D1	Schottky Barrier Diode	CRS03(TE85L.Q) [TOSHIBA]	
ZD1,ZD2,ZD3,ZD4, ZD5,ZD6	Zener Diode	KDZV4.7B [ROHM] Vz = 4.7 - 5.2V, 1.0W, Tj = 150°C	*
ZD7,ZD8	Zener Diode	KDZV8.2B [ROHM] Vz = 8.2 - 9.3V, 1.0W, Tj = 150°C	*
ZD9,ZD10,ZD11,ZD12, ZD13,ZD14,ZD15, ZD16,ZD17,ZD18	Zener Diode	TFZV5.1B [ROHM]	
ZD19,ZD20,ZD21,ZD22	Zener Diode	KDZV18B [ROHM]	
R1-R7,R11-R16, R21-R27,R30-R32	Chip metal film fixed resistor or Chip jumper	10 - 1M ohm / 1%, 0.1W or 50m ohm max, 1A , (1608)	
RB1	Chip metal film fixed resistor	RK73HW3AT_56R0 [KOA] 56 ohm / 1%, 1W, 200V	*
RB2,RB3	Chip metal film fixed resistor	ESR18EZP_1002 [ROHM] 10k ohm / 0.5%, 0.5W, 200V	*
RL1,RL2,RL3,RL4	Chip metal film fixed resistor or Chip jumper	10 - 1M ohm / 1%, 0.5W or 50m ohm max, 2A , (3225)	
RL5,RL6	Chip metal film fixed resistor or Chip jumper	10 - 1M ohm / 1%, 0.25W or 50m ohm max, 2A , (3216)	
RL7	Chip metal film fixed resistor or Chip jumper	10 - 1M ohm / 1%, 1W or 50m ohm max, 2A , (6432)	
C1-C3,C10-C19, C22-C33	Chip multilayer capacitor inside M1.cir	Total capacitance 3.9uFmax	
C4	Chip multilayer capacitor inside BZ.cir	11uFmax	
C6,C7,C8,C9	Chip multilayer capacitor inside BZ.cir	Total capacitance 0.91uFmax	
L1	Inductor	13u H max (4040)	
NOTE	* marked parts are Safety Components. Non-Safety Components may be replaced with equivalent components or may not be mounted.		
REV.	0	NAME	PARTS LIST OF LCD PCB EAGLE3
DATE	2024.2.21	DWG.No.	PLT-6991-6515-00 (1/2)
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Mark of drawing	Kind of parts		Rating/Model of parts	Remarks
NF1,NF2,NF5,NF6	Chip Ferrite Beads or Chip metal film fixed resistor or Chip jumper		BLM18PG331 or 10 - 10M ohm / 1%, 0.1W or 50m ohm max, 1A (1608)	
NF3,NF4,NF7,NF8,NF9, NF10,NF11,NF12,NF13, NF14,NF15,NF16,NF17, NF18,NF19,NF20,NF21, NF22,NF,23,NF24,R8	Chip Ferrite Beads or Chip metal film fixed resistor or Chip jumper		BLM18HD102 or 10 - 10M ohm / 1%, 0.1W or 50m ohm max, 1A (1608)	
LED1,LED2,LED3,LED4	LED Lamp		SML-S13UT [ROHM] (3216, t1.85)	
LED7	LED Lamp		FRYPY1211C-0005 [STANLEY] (1615 t0.7)	
LCD	LCD Module		UNC-MSGF014682 [Unicorn]	
BUZZER	Piezo buzzer		Refer to E4-6991-6332-90-01K	
NOTE	Non-Safety Components may be replaced with equivalent components or may not be mounted.			
REV.	0	NAME	PARTS LIST OF LCD PCB EAGLE3	
DATE	2024.2.21	DWG.No.	PLT-6991-6515-00 (2/2)	
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