

No.	Reference	Description	Specification	Parts Number	Manufacturer	Qty	Note
1	C1,C4,C8,C9	Ceramic Capacitor	0603, 0.1uF, 16V	GRM033R61C104KE84D	MURATA	4	
2		C2,C3		FRS-410426-02	HIROSIKI	0	Unmounted
3	C5	Ceramic Capacitor	1608, 4.7uF, 16V	C1608X5R1C475K080AC	TDK	1	
4	C6,C7	Ceramic Capacitor	0603, 47pF, 50V	GRM0335C1H470JA01D	MURATA	2	
5	C10,C11,C12	Ceramic Capacitor	1005,1uF, 16V	GRM155C81C105KE11D	MURATA	3	
6	D1	Diode	Schottky,25V,1A	RB491DT146	ROHM	1	
7	D2	Diode	50V,1A	GF1A-E3/67A	VISHAY	1	
8	FL1	Ferrite Bead	2012, 120ohm@100MHz,+/-25%,3A	BLM21PG121SN1D	MURATA	1	
9		J1,J2	Connector	10pin, 2.54mm pitch,DIP	FFC-10AMEP1	0	Unmounted
10	J3,J5	Female-connector	Female,1x8Pin,2.54mm pitch,DIP	FH2543-08GT10	MTCONN	2	
11	J4	Female-connector	Female,1x6Pin,2.54mm pitch,DIP	FH2543-06GT10	MTCONN	1	
12	J6	Female-connector	Female,1x10Pin,2.54mm pitch,DIP	FH2543-10GT10	MTCONN	1	
13		J7,J13,J16	Connector	-	FFC-2AMEP1PSS-410256-02	0	Unmounted
14	J8	USB connector	MicroUSB B,receptacle,reverse mount,USB 2.0	ZX62R-B-5P(30)	HIROSE	1	
15		J9	Connector	-	7614-6002PL	0	Unmounted
16		J10,J11,J12	Connector	-	FFC-3AMEP1 PSS-410256-03	0	Unmounted
17	J14	2-pin header	2.54mm pitch, 5.8mm high	XJ8B-0211	Omron	1	
18	J15	3-pin header	2.54mm pitch, 5.8mm high	XJ8B-0311	Omron	1	
19	(J15)	Jumper	2.54mm pitch,6.5 high	XJ8A-0241	Omron	1	J15 1-2pin Short
20	LED1,LED2,LED3	LED	1608,Green	SML-D12P8WT86	ROHM	3	
21		OSC1		CSTNE16M0V53000R0	MURATA	0	Unmounted
22		OSC2		CSTLS16M0X51-B0	MURATA	0	Unmounted
23	PMOD	Connector	2x6pin,2.54mm pitch,DIP	PPTC062LJBN-RC	SULLINS CONNECTOR	1	
24	R1,R2,R3	Resistor	1005,680,1/16W,1%	RK73H1ETTP6800F	KOA	3	
25	R4,R16,R18	Resistor	1005,10K,1/16W,1%	RK73H1ETTP1002F	KOA	3	
26		R5,R6	Resistor	1005,10K,1/16W,1%	RK73H1ETTP1002F	0	Unmounted
27	R7,R8	Resistor	1005,27,1/16W,1%	RK73H1ETTP27R0F	KOA	2	
28	R9	Resistor	1005,2K,1/16W,1%	RK73H1ETTP2001F	KOA	1	
29	R10,R11,R12,R15	Resistor	1005,1K,1/16W,1%	RC-02W1001FT	Fenghua	4	
30	R13	Resistor	1005,0	RK73Z1ETTP	KOA	1	
31	R14	Resistor	1005,470,1/16W,1%	RK73H1ETTP4700F	KOA	1	
32	R17	Resistor	1005,100K,1/16W,1%	AF0402FR-07100KL	YAGEO	1	
33	SW1,SW2	Switch		SKRPANE010	Alps Alpine	2	
34		TP1	Test pin	-	LC-22-G-RED	0	Unmounted
35		TP2	Test pin	-	LC-22-G-BLACK	0	Unmounted
36	U1	MCU	20pin, LSSOP	R5F12068ASP	RENESAS	1	
37	U2	IC	USB to serial UART interface	FT232RQ-REEL	FTDI	1	
38	U3	Logic IC	Single, 3state buffer	74LVC1G126SE	DIODE	1	
39	U4	LDO	3.3V,250mA	ISL9021AIRUNZ-T	RENESAS	1	
*							

REVISION HISTORY	RL78/G15 Fast Prototyping Board BOM List
------------------	--

Rev	Date	Description	
		Page	Summary
1.00	Oct 1, 2022	-	New