

Board : RTK0EMA810C00000BJ (Part number)

Date : 2024/10/30

No.	Reference	Description	Manufacturer	PartNumber	Qty
1	C32,C33	Capacitor	TDK	CGA2B2C0G1H100D050BA	2
2	C3	Capacitor	Murata	GRM319R61H475KA12D	1
3	C1,C2,C21,C22,C43,C44,C45	Capacitor	-	-	0
4	C4,C5,C6,C8,C9,C23,C24,C34,C36,C37,C38,C39	Capacitor	Yageo	CC0402KRX7R8BB104	12
5	C31	Capacitor	Murata	GRM155C8YA224KE01D	1
6	C35,C41	Capacitor	TDK	C3216X7R1C106K160AC	2
7	C7,C40,C42	Capacitor	TDK	CGA3E3X5R1E105M080AB	3
8	C10,C11,C12,C13,C14,C15,C16,C17,C18,C19,C20,C25,C26,C27,C28,C29,C30	Capacitor	TDK	C1005C0G1H221J050BA	17
9	CN1	Connector	HARWIN	M20-9980346	0
10	CN2,CN3	Connector	Adam Tech	PH2RA-34-UA	2
11	CN4	Connector	Molex	0533750410	1
12	CN5	Connector	Amphenol	12401610E4#2A	1
13	D1	Diode	Rohm	RF05VAM1STR	0
14	D2	Diode	Diodes Incorporated	SDT5A50SA-13	1
15	D3	Diode	Semtech Corporation	UCLAMP0571P.TNT	0
16	JP1	Jumper	HARWIN	M20-9990246	0
17	JP2	Connector	HARWIN	M20-9990346	0
18	JP3	Jumper	HARWIN	M20-9990246	1
19	LED1,LED2,LED5	LED	Rohm	SML-D12D8WT86	3
20	LED3,LED4	LED	Rohm	SML-D12D8WT86	0
21	R7,R24,R26,R62,R68,R70,R71,R72,R73	Resistor	YAGEO	AC0402FR-0710KL	9
22	R5,R8,R9,R10,R11,R25,R28,R29,R32,R33,R37,R40,R42,R43,R44,R45,R46,R47,R60,R61,R63,R66,R69,R83,R84	Resistor	-	-	0
23	R4,R23,R27,R48,R49,R50,R51,R52,R58,R81	Resistor	KOA	RK73H1ETTP1001F	10
24	R3,R30,R31,R34,R35,R36,R38,R39,R41,R77,R80	Resistor	YAGEO	RC0402JR-070RP	11
25	R12,R13,R14,R15,R16,R17,R18,R19,R20,R21,R22,R53,R54,R55,R56,R57,R59	Resistor	YAGEO	RC0402FR-07680RL	17
26	R1,R64,R65,R67,R74,R75,R76	Resistor	YAGEO	RC0402FR-0727RL	7

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27	R2,R78,R79	Resistor	YAGEO	AC0402FR-075K1L	3
28	S1	Switch	C&K	PTS636 SL43 SMTR LFS	1
29	TP1,TP2,TP3,TP4,TP8,TP9,TP10,TP11,TP12,TP13,TP14	test pin	–	–	0
30	TP5,TP6,TP7	test pad	–	–	0
31	U1	MCU	Renesas	RA2T1	1
32	U2	Green PAK	Renesas	SLG46826V_A	1
33	U4	MCU	Renesas	R7FA4M2AD3CFL	1
34	U6	Diode	onsemi	ESDR0502NMUTAG	1
35	U5	LDO	Renesas	ISL9005AIRNZ	1
36	X1	Crystal	Microchip Technology	VXM9-9014-64M0000000	0
37	X2	Crystal	ECS Inc.	ECS-120-12-33-AEN-TR	1
38	U3	Green PAK	Renesas	SLG46826V_B	1
39	C46	Capacitor	YAGEO	CC0402KRX7R9BB103	1