

RX13T CPU Card BOM LIST

Product Name: RX13T CPU Card

Board Name : RX13T CPU Card (RTK0EMXA10C00000BJ)

Schematic No : R12TU0061

Date : 2019/7/22

No.	Reference	Description	Manufacturer	PartNumber	Qty
1	CN2	USBminiB	Hirose	UX60-MB-5ST	1
2	C1	CERAMIC CAPACITOR(C0603_0.01u)	Taiyo yuden	EMK063BJ103KP-F	1
3	C2,C9,C10,C11,C14, C15,C17	CERAMIC CAPACITOR(C1005_0.1u)	TDK	CGA2B1X7R1C104K050BC	7
4	C3,C4	CERAMIC CAPACITOR(C3216_10u)	TDK	CGA5L1X7R1C106K160AC	2
5	C5,C12,C16,C18,C19	CERAMIC CAPACITOR(C2012_1u)	Taiyo yuden	LMK212B7105KD-T	5
6	C8,C13	CERAMIC CAPACITOR(C2012_4.7u)	Taiyo yuden	TMK212AB7475KG-T	2

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No.	Reference	Description	Manufacturer	PartNumber	Qty
7	C22,C23,C24,C25,C26,C27,C28,C29,C30,C31,C32,C33,C34,C35,C36,C37,C38,C39,C42	CERAMIC CAPACITOR(C0603_1000p)	TDK	CGA1A2X7R1C102M030BA	19
8	D1,D2,D3	DIODE	Diodes Incorporated	B0520LW-7-F	3
9	LED1,LED2	LED	Rohm	SML-H12M8TT86	2
10	R1,R2,R8,R13,R18,R19,R20,R29,R30,R34,R36,R38,R40,R42,R44,R61,R62	CHIP RESISTOR(R1005_0)	KOA	RK73Z1ETTP	17
11	R3,R5,R49,R54,R59,R14,R15,R16,R17,R21	CHIP RESISTOR(R1005_10k)	KOA	RK73B1ETTP103J	10
12	R4,R25,R26,R27,R28,R31,R33,R35,R37,R39,R41,R43,R60	CHIP RESISTOR(R1005_330)	KOA	RK73H1ETTP3300F	13
13	R10,R11,R12,R32	CHIP RESISTOR(R1005_22)	KOA	RK73H1ETTP22R0F	4
14	R23,R24	CHIP RESISTOR(R1005_4.7k)	KOA	RK73B1ETTP472J	2
15	R45,R46,R47,R55,R56,R57	CHIP RESISTOR(R1005_2k)	KOA	RK73H1ETTP2001F	6

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No.	Reference	Description	Manufacturer	PartNumber	Qty
16	R22,R48,R50,R51,R52,R53,R58	CHIP RESISTOR(R1005_1k)	KOA	RK73H1ETTP1001F	7
17	SW1	SWITCH 6X3.5 240GF SMD	Panasonic - ECG	EVQ-5PN04K	1
18	U1	MCU LQFP48	Renesas	R5F513T5ADFL	1
19	U2	MCU LQFP48	Renesas	R5F52318ADFL	1
20	U3	LDO	Renesas	ISL9005AIRNZ	1

Unmounted

21	CNA,CNB	20POS 2.54MM	Sullins Connector Solutions	SFH11-PBPC-D10-ST-BK	-
22	CN3,CN4	5POS 2.5MM	JST	B5B-XH-A(LF)(SN)	-
23	CN5,CN6,CN7	4POS 2.5MM	JST	B4B-XH-A(LF)(SN)	-
24	CN8	6POS 2.54MM	N/A	N/A	-
25	C6,C7,C20,C21,C40,C41	CERAMIC CAPACITOR	N/A	N/A	-
26	TP1,TP2,TP3,TP4,TP5,TP6,TP7,TP8,TP9,TP10,TP11	TEST PIN	N/A	N/A	-
27	X1	CRYSTAL OSCILLATOR	N/A	N/A	-
28	R6,R7,R9	CHIP RESISTOR	N/A	N/A	-

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