

No	Reference	Description	Specification	Parts Number	Manufacturer	Qty	Note
1	MCU	U1	RX660_100LQFP 0.5mm Pitch/(P/QP0100KB-B)	R5F56609BDFFP	Renesas	1	
2	Crystal oscillator	X1	8MHz,SMD,±100ppm	CX5032GA08000D0PRT03	KYOCERA	0	Unmounted
3	Ceramic Resonators	X2	8MHz,TH,±0.5%	CSTLS8M00G53-A0	Murata	0	Unmounted
4	Crystal oscillator	X3	32.768kHz,SMD,±20ppm	TFX-02S-32.768KHZ-J31936	RIVER ELETEC	0	Unmounted
5	Tantalum Capacitor	C1,C2,C11,C20	10uF,3528m,16V	TAJB 106 K 016	AVX	4	
6	Tantalum Capacitor	C8,C14	10uF,3528m,16V	TAJB 106 K 016	AVX	0	Unmounted
7	Ceramic Capacitor	C3,C4,C10	0.1uF,0603m,16V,±10%	GRM033C71C104K	Murata	3	
8	Ceramic Capacitor	C7,C13,C15,C21	0.1uF,0603m,16V,±10%	GRM033C71C104K	Murata	0	Unmounted
9	Ceramic Capacitor	C5	0.47uF,0603m,6.3V,±15%	GRM033R60J474M	Murata	1	
10	Ceramic Capacitor	C9	0.01uF,0603m,16V,±10%	GRM033B31C103K	Murata	1	
11	Ceramic Capacitor	C8,C12	0.01uF,0603m,16V,±10%	GRM033B31C103K	Murata	0	Unmounted
12	Ceramic Capacitor	C16,C17,C18,C19	1608m	GRM188	Murata	0	Unmounted
13	Diode (Power)	D1	Vi=50V,DO-214BA, Io=1A	GF1A-E3	Vishay	1	
14	Test Pin (GND)	GND2,GND3	TH	LC-22-G (Black)	MAC-8	0	Unmounted
15	Test Pin (Yellow)	T1	TH	LC-22-G (Yellow)	MAC-8	0	Unmounted
16	25 pin x 2 row Connector	CN2,CN3	25Pinx2row, 2.54mm Pitch, Pin Header	FFC-50BMEP1	HTK	0	Unmounted
17	Angle type PMOD connector(SMD)	CN1	Femall,6Pinx2row,SMD	SMH-106-02-T-D	Samtec	1	
18	3-pin Jumper(PTH)	J3	3pin, 2.54mm Pitch, Pin Header	FFC-3AMEP1	HTK	0	Unmounted
19	Jumper Socket	for J3		M7567-46	Harwin	0	Unmounted
20	2-pin Jumper(PTH)	J2,J4,J5,J6	2pin, 2.54mm Pitch, Pin Header	FFC-2AMEP1	HTK	0	Unmounted
21	LED (Green)	POWLED1,LED0,LED1	Green,1608m,25mcd	SML-D12M8WT86	ROHM	3	
22	Tactile Switch	RES1,SW1		PTS645SM43SMTR92 LFS	C&K	2	
23	Resistor	R3,R6,R8,R10,R11,R13,R17,R18,R19,R24,R40,R46,R48,R54,R56	0Ω, 1608m, 1/10W	MCR03EZPJ000	ROHM	15	
24	Resistor	R4,R5,R7,R9,R12,R14,R16,R20,R23,R41,R42,R43,R45,R47,R55,R57	0Ω, 1608m, 1/10W	MCR03EZPJ000	ROHM	0	Unmounted
25	Resistor	R52,R53	0Ω, 1005m, 1A	MCR01MZPJ000	ROHM	2	
26	Resistor	R51	0Ω, 1005m, 1A	MCR01MZPJ000	ROHM	0	Unmounted
27	Resistor	R2,R21	4.7kΩ, 1005m, 1/16W	MCR01MZPJ472	ROHM	2	
28	Resistor	R1	4.7kΩ, 1005m, 1/16W	MCR01MZPJ472	ROHM	0	Unmounted
29	Resistor	R27,R28,R49,R50	10kΩ, 1005m, 1/16W	MCR01MZPJ103	ROHM	4	
30	Resistor	R44	10kΩ, 1005m, 1/16W	MCR01MZPJ103	ROHM	0	Unmounted
31	Resistor	R15,R22,R30,R31	1608m	MCR03 Series	ROHM	0	Unmounted
32	Resistor	R25,R26,R29	1kΩ, 1005m, 1/16W	MCR01MZPJ102	ROHM	3	
33	Resistor	R32,R33,R34,R35,R36,R37,R38,R39	200Ω, 1005m, 1/16W	MCR01MZPJ201	ROHM	8	
34	Low Dropout linearregulator	EU2	Fixed 1 Output 3.3V 300mA 8-DFN	ISL9005AIRNZ-T	Renesas	1	
35	Diode	ED1	Vi=20V,SOT-346,Io=1A	RB491D	ROHM	1	
36	Ceramic Capacitor	EC4,EC5	1uF,0603m,10V,±20%	GRM033R61A105M	Murata	2	

REVISION HISTORY	Target Board for RX660 BOM LIST
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Rev	Date	Description	
		Page	Summary
1.00	Mar 10, 2022	-	First Edition issued.