

1.0
2025/11/13
N,Komatsu
T,Uozumi

# RTK0EE0017D11004BJ\_Parts List

Patrs ID	Reference	Type	Patrs number	Manufacture	Note
CN1	DF17(2.0)-60DP-0.5V(57)	Connector	DF17(2.0)-60DP-0.5V(57)	HIROSE	
C1,C3,C4,C5,C7,C10,C12,C13,C18,C26,C27,C29,C34	0.1uF	Capacitor	GRM033R61C104KE84D	Murata	C0603/X5R/10%/16V
C2,C11,C15,C17,C19,C20,C25,C41,C49	NM	Capacitor	-	-	Not mounted, C0603
C6,C9	15pF	Capacitor	GRM0332C1H150JA01D	Murata	C0603/CH/5%/50V
C8	0.22uF	Capacitor	GRM033R61A224KE90D	Murata	C0603/X5R/10%/10V
C14,C23,C28,C30,C35,C42	1uF	Capacitor	CL03A105KP3NSNC	SAMSUNG	C0603/X5R/10%/10V
C16,C21	6pF	Capacitor	GRM0335C1H6R0BA01D	Murata	C0603/C0G/±0.1pF/50V
C22,C43	10uF	Capacitor	GRM155R61A106ME11D	Murata	C1005/X5R/20%/10V
C24,C31,C44	1000pF	Capacitor	GRM033R71H102KA12D	Murata	C0603/X7R/10%/50V
C32	18pF	Capacitor	GRM0332C1H180JA01D	Murata	C0603/CH/5%/50V
C33	9pF	Capacitor	GRM0335C1H9R0BA01D	Murata	C0603/C0G/±0.1pF/50V
C36,C37,C39	2.2uF	Capacitor	GRM033R61A225KE47D	Murata	C0603/X5R/10%/10V
C38	0.47uF	Capacitor	LMK063BBJ474KPLF	Taiyo yuden	C0603/X5R/10%/10V
C40,C45	33pF	Capacitor	GRM0332C1H330JA01D	Murata	C0603/CH/5%/50V
C46	68pF	Capacitor	GRM0332C1H680JA01D	Murata	C0603/CH/5%/50V
C47	1500pF	Capacitor	GRM033R71H152KA12D	Murata	C0603/X7R/10%/50V
C48	22pF	Capacitor	GRM0332C1H220JA01D	Murata	C0603/CH/5%/50V
C50	1pF	Capacitor	GRM0335C1H1R0BA01D	Murata	C0603/C0G/±0.1pF/50V
C51	2pF	Capacitor	GRM1555C1H2R0BA01D	Murata	C1005/C0G/±0.1pF/50V
C52	39pF	Capacitor	CL05C390JB5NNNC	SAMSUNG	C1005/C0G/5%/50V
FB1,FB2	NFM18CC222R1C3D	EMI Filter	NFM18CC222R1C3D	Murata	2200pF/16V/1608
FB3	70	Ferrite bead	BLM03AG700SN1	Murata	0603
IC1	S-80129ANMC	Delay IC	S-80129ANMC-JCOxU	SII	SOT-23-5
IC2	R5F565NEDDFP	MCU	R5F565NEDDFP	RENESAS	100-Pin, LFQFP
IC3	SN74LVC1G34DCK	Buffer	SN74LVC1G34DCK	TI	SC70-5
IC4	CWX-M	RF transceiver	R9A06G062GNP	RENESAS	40-Pin, HVQFN
IC5	SKY66122-11	Front-end module	SKY66122-11	Skyworks	36-pin, 6 x 6 x 0.9 mm
J1	SMA	SMA connector	73251-1150	MOLEX	1.57 End Launch
L2,L3,L1	100nH	Inductor	LQP03TNR10H02D	Murata	L0603
L4	10uH(1608)	Inductor	MLZ1608M100WT	TDK	L1608
L5	3.3nH(LQW15)	Inductor	LQW15AN3N3C80	Murata	L1005
L6	6.8nH(LQW18)	Inductor	LQW18AN6N8C00	Murata	L1608
L7,L9	5.6nH	Inductor	LQG15HS5N6B02D	Murata	L1005
L8	3nH	Inductor	LQG15HS3N0B02D	Murata	L1005
L10	NM	Inductor	-	-	Not mounted, L1005
R1,R2,R3,R34,R35	4.7k	Resistor	RK73B1HTTC472J	KOA	R0603
R4	160	Resistor	RK73B1HTTC161J	KOA	R0603
R6,R7	100	Resistor	RK73B1HTTC101J	KOA	R0603
R5,R16,R29,R32	NM	Resistor	-	-	Not mounted, R0603
R10,R15,R18,R26,R28,R30,R31	0	Resistor	RK73Z1HTTC	KOA	R0603
R9,R11	300	Resistor	RK73B1HTTC301J	KOA	R0603
R12	22	Resistor	RK73B1HTTC220J	KOA	R0603
R13,R14	8.2k	Resistor	RK73B1HTTC822J	KOA	R0603
R17,R19	56k/1%	Resistor	RK73H1HTTC5602F	KOA	R0603/1%
R20	180 (for FCC/ARIB) 100 (for ETSI)	Resistor	RK73B1HTTC181J (for FCC/ARIB) RK73B1HTTC101J (for ETSI)	KOA	R0603
R21	180 (for FCC/ARIB) NM (for ETSI)	Resistor	RK73B1HTTC181J (for FCC/ARIB) Not mounted (for ETSI)	KOA	R0603
R22	30 (for FCC/ARIB) NM (for ETSI)	Resistor	RK73B1HTTC300J (for FCC/ARIB) Not mounted (for ETSI)	KOA	R0603

R23	NM (for FCC/ARIB) 68 (for ETSI)	Resistor	Not mounted (for FCC/ARIB) RK73B1HTTC680J (for ETSI)	KOA	R0603
R24	NM (for FCC/ARIB) 100 (for ETSI)	Resistor	Not mounted (for FCC/ARIB) RK73B1HTTC101J (for ETSI)	KOA	R0603
R25	NM (for FCC/ARIB) 0 (for ETSI)	Resistor	Not mounted (for FCC/ARIB) RK73Z1HTTC (for ETSI)	KOA	R0603
R26	0 (for FCC/ARIB) NM (for ETSI)	Resistor	RK73Z1HTTC (for FCC/ARIB) Not mounted (for ETSI)	KOA	R0603
R27	51	Resistor	RK73B1HTTC510J	KOA	R0603
R33	0	Resistor	RK73Z1ETTP	KOA	R1005
SAW1	B39921B2672P810 (for FCC) B39931B2645P810 (for ARIB) NM (for ETSI)	SAW filter	B39921B2672P810 (for FCC) B39931B2645P810 (for ARIB) Not mounted (for ETSI)	Qualcomm	5-pin, 1.4 x 1.1 x 0.45 mm
SAW2	B39921B2672P810 (for FCC) B39931B2645P810 (for ARIB) B39871B2600P810 (for ETSI)	SAW filter	B39921B2672P810 (for FCC) B39931B2645P810 (for ARIB) B39871B2600P810 (for ETSI)	Qualcomm	5-pin, 1.4 x 1.1 x 0.45 mm
X1	SSP-T7-F / 12.5pF	Crystal resonator	SSP-T7-F / 12.5pF	SII	-40 to +85deg-C
X2	NT1612SA-48M-RNA5028A	TCXO	NT1612SA-48M-RNA5028A	NDK	Clipped sine wave
SH1,SH2,SH3,SH4,SH5,SH6, SH7,SH8	36900000	Shield Clip	36900000	Würth Elektronik	6.5 x 0.8 x 1.28 mm