

1.0
2026/2/16
N,Komatsu
T,Uozumi

# RTK0EE0017D11005BJ\_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,C5,C13,C17,C19,C21,C22,C41,C50	NM	Capacitor	-	-	Not mounted, C0603
C2,C3	15pF	Capacitor	GRM0332C1H150JA01D	Murata	C0603/CH/5%/50V
C4,C6,C7,C8,C9,C11,C14,C15,C20,C26,C27,C29,C34	0.1uF	Capacitor	GRM033R61C104KE84D	Murata	C0603/X5R/10%/16V
C10	0.22uF	Capacitor	GRM033R61A224KE90D	Murata	C0603/X5R/10%/10V
C12,C31,C48,C49	1000pF	Capacitor	GRM033R71H102KA12D	Murata	C0603/X7R/10%/50V
C16,C25,C28,C30,C35,C42,C51,C53	1uF	Capacitor	CL03A105KP3NSNC	SAMSUNG	C0603/X5R/10%/10V
C18,C23	6pF	Capacitor	GRM0335C1H6R0BA01D	Murata	C0603/C0G/±0.1pF/50V
C24,C44	10uF	Capacitor	GRM155R61A106ME11D	Murata	C1005/X5R/20%/10V
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	33pF	Capacitor	GRM0332C1H330JA01D	Murata	C0603/CH/5%/50V
C43	5.0pF (for ARIB) 0 (for ETSI)	Capacitor Resistor	GRM0335C1H5R0BA01D RK73Z1HTTC	Murata KOA	C0603/C0G/±0.1pF/50V R0603
C46	7.5pF	Capacitor	GRM0335C1H7R5BA01D	Murata	C0603/C0G/±0.1pF/50V
C47	8.2pF	Capacitor	GRM0335C1H8R2BA01D	Murata	C0603/C0G/±0.1pF/50V
C52	4.3pF	Capacitor	GRM1555C1H4R3BA01D	Murata	C1005/C0G/±0.1pF/50V
C54	180pF	Capacitor	GRM033R71H181KA12D	Murata	C0603/X7R/10%/50V
C56	6.0pF	Capacitor	GRM1555C1H6R0BA01D	Murata	C1005/C0G/±0.1pF/50V
C57,C58,C61,C62,C63,C64,C65	NM	Capacitor	-	-	Not mounted, C1005
C55,C59,C60	82pF	Capacitor	GRM1555C1H820JA01D	Murata	C1005/C0G/5%/50V
C45	0	Resistor	RK73Z1HTTC	KOA	R0603
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	SN74LVC1G34DCK	Buffer	SN74LVC1G34DCK	TI	SC70-5
IC3	R5F56719HDFM#10	MCU	R5F56719HDFM#10	RENESAS	64-Pin, LQFP
IC4	CWX-M	RF transceiver	R9A06G062GNP	RENESAS	40-Pin, HVQFN
IC5	F1471	Power amplifier	F1471	Axiro	16-Pin, VFQFPN
J1,J2	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	3.6nH (for ARIB) 3.9nH (for ETSI)	Inductor	LQP03TN3N6B02D LQP03TN3N9B02D	Murata	L0603
L6	1.8nH(LQW18)	Inductor	LQW18AS1N8J00D	Murata	L1608
L7	1.0nH	Inductor	LQG15HS1N0S02D	Murata	L1005
L8	4.3nH	Inductor	LQG15HS4N3S02D	Murata	L1005
L9	6.2nH	Inductor	LQP03TN6N2H02D	Murata	L0603
R1	160	Resistor	RK73B1HTTC161J	KOA	R0603
R8,R9	100	Resistor	RK73B1HTTC101J	KOA	R0603
R2,R5,R10,R33,R34	4.7k	Resistor	RK73B1HTTC472J	KOA	R0603
R3,R15,R18,R35,R36,R21,R22,R23,R24	NM	Resistor	-	-	Not mounted
R12,R16,R17,R20,R25	0	Resistor	RK73Z1HTTC	KOA	R0603
R6,R7	8.2k	Resistor	RK73B1HTTC822J	KOA	R0603
R11,R13	300	Resistor	RK73B1HTTC301J	KOA	R0603
R14	22	Resistor	RK73B1HTTC220J	KOA	R0603
R19	56k/1%	Resistor	RK73H1HTTC5602F	KOA	R0603/1%

R26	4.3	Resistor	RC0201JR-074R3L	YAGEO	R0603
R27	1.5k	Resistor	RK73B1HTTC152J	KOA	R0603
R28	120	Resistor	RK73B1HTTC121J	KOA	R0603
R29	15k	Resistor	RK73B1HTTC153J	KOA	R0603
R30	6.8nH	Resistor	LQG15HS6N8J02D	Murata	L1005
R31,R32	0	Resistor	RK73Z1ETTP	KOA	R1005
SAW1,SAW2	B39931B2645P810 (for ARIB) B39871B2600P810 (for ETSI)	SAW filter	B39931B2645P810 (for ARIB) B39871B2600P810 (for ETSI)	Qualcomm	5-pin, 1.4 x 1.1 x 0.45 mm
SAW3	NM	SAW filter	-	-	Not mounted
SW1	BGSX22G5A10	RF switch	BGSX22G5A10	Infineon	10-pin, 1.1 x 1.5 x 0.55 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