

1.0
2026/1/30
N,Komatsu
T,Uozumi

RTK0EE0017D11006BJ_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,C6,C7,C8,C9,C10,C17,C24,C29,C34	0.1uF	Capacitor	GRM033R61C104KE84D	Murata	C0603/X5R/10%/16V
C2,C23,C28,C32,C39	NM	Capacitor	-	-	Not mounted, C0603
C5	0.22uF	Capacitor	GRM033R61A224KE90D	Murata	C0603/X5R/10%/10V
C11,C30,C37,C38	1000pF	Capacitor	GRM033R71H102KA12D	Murata	C0603/X7R/10%/50V
C12,C16,C21,C26,C40,C42,C52,C53	1uF	Capacitor	CL03A105KP3NSNC	SAMSUNG	C0603/X5R/10%/10V
C13,C14,C22	2.2uF	Capacitor	GRM033R61A225KE47D	Murata	C0603/X5R/10%/10V
C15	0.47uF	Capacitor	LMK063BBJ474KPLF	Taiyo yuden	C0603/X5R/10%/10V
C18	33pF	Capacitor	GRM0332C1H330JA01D	Murata	C0603/CH/5%/50V
C19,C20	15pF	Capacitor	GRM0332C1H150JA01D	Murata	C0603/CH/5%/50V
C25	18pF	Capacitor	GRM0332C1H180JA01D	Murata	C0603/CH/5%/50V
C27	9pF	Capacitor	GRM0335C1H9R0BA01D	Murata	C0603/C0G/±0.1pF/50V
C35	7.5pF	Capacitor	GRM0335C1H7R5BA01D	Murata	C0603/C0G/±0.1pF/50V
C36	8.2pF	Capacitor	GRM0335C1H8R2BA01D	Murata	C0603/C0G/±0.1pF/50V
C41	4.3pF	Capacitor	GRM1555C1H4R3BA01D	Murata	C1005/C0G/±0.1pF/50V
C43	180pF	Capacitor	GRM033R71H181KA12D	Murata	C0603/X7R/10%/50V
C46,C47,C50,C51,C54,C55,C58	NM	Capacitor	-	-	Not mounted, C1005
C45	6.0pF	Capacitor	GRM1555C1H6R0BA01D	Murata	C1005/C0G/±0.1pF/50V
C44,C48,C49	82pF	Capacitor	GRM1555C1H820JA01D	Murata	C1005/C0G/5%/50V
C56,C57	10uF	Capacitor	GRM155R61A106ME11D	Murata	C1005/X5R/20%/10V
C31	5.0pF (for ARIB) 0 (for ETSI)	Capacitor Resistor	GRM0335C1H5R0BA01D RK73Z1HTTC	Murata KOA	C0603/C0G/±0.1pF/50V R0603
C33	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	RX65W-A	RF transceiver / MCU	R5F565WEMDBF	RENESAS	145-pin, TFBGA
IC3	SN74LVC1G34DCK	Buffer	SN74LVC1G34DCK	TI	SC70-5
IC4	F1471	Power amplifier	F1471	Axiro	16-Pin, VFQFPN
J1,J2	SMA	SMA connector	73251-1150	MOLEX	1.57 End Launch
L1	10uH	Inductor	MLZ1608M100WT	TDK	L1608
L2	3.6nH (for ARIB) 3.9nH (for ETSI)	Inductor	LQP03TN3N6B02D LQP03TN3N9B02D	Murata	L0603
L3	100nH	Inductor	LQP03TNR10H02D	Murata	L0603
L4	1.8nH(LQW18)	Inductor	LQW18AS1N8J00D	Murata	L1608
L5	1.0nH	Inductor	LQG15HS1N0S02D	Murata	L1005
L6	4.3nH	Inductor	LQG15HS4N3S02D	Murata	L1005
L7	6.2nH	Inductor	LQP03TN6N2H02D	Murata	L0603
R1,R2,R3,R6,R7,R8	4.7K	Resistor	RK73B1HTTC472J	KOA	R0603
R4,R5	100	Resistor	RK73B1HTTC101J	KOA	R0603
R9	56K/1%	Resistor	RK73H1HTTC5602F	KOA	R0603/1%
R10,R12,R13,R21	0	Resistor	RK73Z1HTTC	KOA	R0603
R11,R14,R15,R18,R19,R24,R31,R32	NM	Resistor	-	-	Not mounted
R16,R17	8.2K	Resistor	RK73B1HTTC822J	KOA	R0603
R20	160	Resistor	RK73B1HTTC161J	KOA	R0603
R23	4.3	Resistor	RC0201JR-074R3L	YAGEO	R0603
R25	1.5k	Resistor	RK73B1HTTC152J	KOA	R0603
R26	120	Resistor	RK73B1HTTC121J	KOA	R0603
R27	15k	Resistor	RK73B1HTTC153J	KOA	R0603
R28	6.8nH	Inductor	LQG15HS6N8J02D	Murata	L1005
R29,R30	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