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2026/2/18
N,Komatsu
T,Uozumi

# RTK0EE0014D11002BJ\_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,C4,C6,C7,C8,C11,C12,C14,C15,C16,C17,C18,C24,C25,C32,C56	0.1uF	Capacitor	CL05A104KA5NNNC	SAMSUNG ELE	C1005/X5R/25V/10%
C2,C33,C36	1000pF	Capacitor	CL05B102KB5NNNC	SAMSUNG ELE	C1005/X7R/10%/50V
C35,C46	6pF	Capacitor	GJM1555C1H6R0C	Murata	C1005/C0G/50V/0.25pF
C9,C10	15pF	Capacitor	CL05C150JB5NNNC	SAMSUNG ELE	C1005/C0G/5%/50V
C13,C29,C31,C41,C53,C58,C59,C30,C42,C60	NM	Capacitor	-	-	Not mounted, C1005
C19	9pF	Capacitor	GJM1555C1H9R0C	Murata	C1005/C0G/50V/0.25pF
C20,C26,C27,C47,C55,C43	1.0uF	Capacitor	CL05A105K05NNNC	SAMSUNG ELE	C1005/X5R/16V/10%
C21,C28	10uF/1608	Capacitor	GRM188R61A106M	Murata	C1608/10V/20%/X5R
C22	18pF	Capacitor	CL05C180JB5NNNC	SAMSUNG ELE	C1005/C0G/5%/50V
C23	39pF	Capacitor	CL05C390JB5NNNC	SAMSUNG ELE	C1005/C0G/5%/50V
C34,C57	33pF	Capacitor	CL05C330JB5NNNC	SAMSUNG ELE	C1005/C0G/5%/50V
C37	68pF	Capacitor	CL05C680JB5NNNC	SAMSUNG ELE	C1005/C0G/5%/50V
C38	1500pF	Capacitor	CL05B152KB5NNNC	SAMSUNG ELE	C1005/X7R/10%/50V
C39	22pF	Capacitor	CL05C220JB5NNNC	SAMSUNG ELE	C1005/C0G/5%/50V
C40	3.3pF	Capacitor	GJM1555C1H3R3BB01	Murata	C1005/C0G/50V/0.1pF
C44,C45,C48	2.2uF	Capacitor	EMK105ABJ225KV-F	TAIYOYUDEN	C1005/16V/10%/X5R
C49	0.47uF	Capacitor	CL05A474KP5NNNC	SAMSUNG ELE	C1005/10V/10%/X5R
C50	5.6pF	Capacitor	GJM1555C1H5R6CB01	Murata	C1005/C0G/50V/0.25pF
C51	3.9pF	Capacitor	GJM1555C1H3R9BB01	Murata	C1005/C0G/50V/0.1pF
C52,C54	2.2pF	Capacitor	GJM1555C1H2R2BB01	Murata	C1005/C0G/50V/0.1pF
F1,F2	NFM18CC222R1C3D	EMI Filter	NFM18CC222R1C3D	Murata	2200pF/16V/1608
F3	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
F4	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 Not mounted
J1	SMA	SMA connector	73251-1150	MOLEX	1.57 End Launch
L1,L12	NM	Inductor	-	-	Not mounted, L1005
L2,L6	100nH	Inductor	LQG15HNR10J02D	Murata	L1005
L3	10uH	Inductor	MLZ1608M100WT000	TDK	160810/0.25A/1.1ohm
L4,L9	3.3nH	Inductor	LQW15AN3N3C80	Murata	L1005/2A
L5	6.8nH/1608	Inductor	LQW18AN6N8C8Z	Murata	L1608/1.9A
L7	5.8nH	Inductor	LQW15AN5N8C00	Murata	L1005
L11	0	Inductor	RK73Z1ETTP	KOA	L1005
L8,L13	5.6nH	Inductor	LQG15HS5N6B02D	Murata	L1005
L10	3.0nH	Inductor	LQG15HS3N0B02D	Murata	L1005
L14	100nH	Inductor	LQG15HSR10J02D	Murata	L1005
R26,R44,R45,R46,R49,R48,R9,R10	NM	Resistor	-	-	Not mounted, R1005
R2,R11,R12	4.7K	Resistor	RK73B1ETTP472J	KOA	R1005
R3,R17,R20,R21,R23,R29,R32,R33,R37,R39,R40,R42,R43,R47	0	Resistor	RK73Z1ETTP	KOA	R1005
R5,R8	8.2K	Resistor	RK73B1ETTP822J	KOA	R1005
R13,R14	100	Resistor	RK73B1ETTP101J	KOA	R1005
R27	22	Resistor	RK73B1ETTP220J	KOA	R1005
R24,R50	56K/1%	Resistor	RK73H1ETTP5602F	KOA	R1005/1%
R28	51	Resistor	RK73B1ETTP510J	KOA	R1005
R22,R25	300	Resistor	RK73B1ETTP301J	KOA	R1005

R51	160	Resistor	RK73B1ETTP161J	KOA	R1005
R38	180 (for FCC/ARIB) 100 (for ETSI)	Resistor	RK73B1ETTP181J (for FCC/ARIB) RK73B1ETTP101J (for ETSI)	KOA	R1005
R41	180 (for FCC/ARIB) NM (for ETSI)	Resistor	RK73B1ETTP181J (for FCC/ARIB) Not mounted (for ETSI)	KOA	R1005
R36	30 (for FCC/ARIB) NM (for ETSI)	Resistor	RK73B1ETTP300J (for FCC/ARIB) Not mounted (for ETSI)	KOA	R1005
R31	NM (for FCC/ARIB) 68 (for ETSI)	Resistor	Not mounted (for FCC/ARIB) RK73B1ETTP680J (for ETSI)	KOA	R1005
R35	NM (for FCC/ARIB) 100 (for ETSI)	Resistor	Not mounted (for FCC/ARIB) RK73B1ETTP101J (for ETSI)	KOA	R1005
R30	NM (for FCC/ARIB) 0 (for ETSI)	Resistor	Not mounted (for FCC/ARIB) RK73Z1ETTP (for ETSI)	KOA	R1005
R34	0 (for FCC/ARIB) NM (for ETSI)	Resistor	RK73Z1HTTC (for FCC/ARIB) Not mounted (for ETSI)	KOA	R1005
SH1,SH2,SH3,SH4,SH7,SH8	36900000	Shield Clip	36900000	Würth Elektronik	6.5 x 0.8 x 1.28 mm
U1	SN74LVC1G34DCK	Buffer	SN74LVC1G34DCK	TI	SC70-5
U2	RA6M5	MCU	R7FA6M5AH3CFP#AA0	RENESAS	100pin, LFQFP
U3	S-80129ANMC-JCOxG	Delay IC	S-80129ANMC-JCOxG	SII	SOT-23-5
U4	CWX-M	RF transceiver	R9A06G062GNP	RENESAS	40-Pin, HVQFN
U5	SKY66122-11	Front-end module	SKY66122-11	Skyworks	36-pin, 6 x 6 x 0.9 mm
Y3	CSTNE16M0V530000R0	Crystal resonator	CSTNE16M0V530000R0	Murata	Not mounted
Y1	SSP-T7-F 12.5pF	Crystal resonator	SSP-T7-F / 12.5pF	SII	-40 to +85deg-C
Y2	NT1612SA-48M-RNA5028A	TCXO	NT1612SA-48M-RNA5028A	NDK	Clipped sine wave
FB1	60	Ferrite bead	BLM15PD600SN1	Murata	1005