

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

RTK0EE0016D11004BJ_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	
C001,C003,C201,C207,C215,C219	1.0uF	Capacitor	CL03A105KP3NSNC	SAMSUNG ELE	C0603/10V/10%
C002,C004	10uF	Capacitor	GRM155R61A106ME11D	Murata	C1005/10V/20%
C101,C102,C103,C104,C105,C107,C202,C204,C205,C208,C407,C409	0.1uF	Capacitor	GRM033R61C104KE84D	Murata	C0603/16V/10%
C106	0.22uF	Capacitor	GRM033R61A224KE90D	Murata	C0603/10V/10%
C108,C412,C502,C506,C513,C501,C503,C504	NM	Capacitor	-	-	Not mounted
C203,C216,C217	2.2uF	Capacitor	GRM033R61A225KE47D	Murata	C0603/10V/10%
C210,C408,C507	1000pF	Capacitor	GRM033R71H102KA12D	Murata	C0603/50V/10%
C213,C214	15pF	Capacitor	GRM0332C1H150JA01D	Murata	C0603/50V/5%
C211	18pF	Capacitor	GRM0332C1H180JA01D	Murata	C0603/50V/5%
C212	9pF	Capacitor	GRM0335C1H9R0BA01D	Murata	C0603/50V/0.1pF
C218	0.47uF	Capacitor	LMK063BBJ474KPLF	Taiyo yuden	C0603/10V/10%
C505,C508	33pF	Capacitor	GRM0332C1H330JA01D	Murata	C0603/50V/5%
C509	68pF	Capacitor	GRM0332C1H680JA01D	Murata	C0603/50V/5%
C510	1500pF	Capacitor	GRM033R71H152KA12D	Murata	C0603/50V/10%
C511	22pF	Capacitor	GRM0332C1H220JA01D	Murata	C0603/50V/5%
C512	1pF	Capacitor	GRM0335C1H1R0BA01D	Murata	C0603/50V/0.1pF
C514	1.8pF	Capacitor	GJM1555C1H1R8BB01	Murata	C1005/50V/0.1pF
C515	39pF	Capacitor	CL05C390JB5NNNC	SAMSUNG ELE	C1005/50V/5%
FB1,FB2	NFM18CC222R1C3D	EMI Filter	NFM18CC222R1C3D	Murata	2200pF/16V/1608
FB3	70	Ferrite bead	BLM03AG700SN1	Murata	0603
IC1	RX65W-A	RF transceiver / MCU	R5F565WEMDBF	RENESAS	145-pin, TFBGA
IC2	S-80129ANMC-JCOxG	Delay IC	S-80129ANMC-JCOxG	SII	SOT-23-5
IC3	SN74LVC1G34DCK	Buffer	SN74LVC1G34DCK	TI	SC70-5
IC5	SKY66122-11	Front-end module	SKY66122-11	Skyworks	36-pin, 6 x 6 x 0.9 mm
J1	73251-1150	SMA connector	73251-1150	MOLEX	1.57 End Launch
L201	10uH	Inductor	MLZ1608M100WT000	TDK	L1608/20%
L401	100nH	Inductor	LQP03TNR10H02D	Murata	L0603
L503	0	Inductor	RK73Z1HTTC	KOA	R0603
L505	3.3nH	Inductor	LQW15AN3N3C80	Murata	L1005/0.2nH
L506	6.8nH	Inductor	LQW18AN6N8C00	Murata	L1608/0.2nH
L507,L509	5.6nH	Inductor	LQG15HS5N6B02D	Murata	L1005/0.1nH
L508	3.0nH	Inductor	LQG15HS3N0B02D	Murata	L1005/0.1nH
R101,R102	100	Resistor	RK73B1HTTC101J	KOA	R0603
R103,R104,R105,R106,R107,R116	4.7K	Resistor	RK73B1HTTC472J	KOA	R0603
R202,R502,R518,R515,R516,R517	0	Resistor	RK73Z1HTTC	KOA	R0603
R215,R503	56K/1%	Resistor	RK73H1HTTC5602F	KOA	R0603/1%
R411,R412	8.2K	Resistor	RK73H1HTTC8201F	KOA	R0603
R418	160	Resistor	RK73B1HTTC161J	KOA	R0603
R501,R514,R519	NM	Resistor	-	-	Not mounted
R506	30 (for FCC/ARIB) NM (for ETSI)	Resistor	RK73B1HTTC300J (for FCC/ARIB) Not mounted (for ETSI)	KOA	R0603
R507	NM (for FCC/ARIB) 68 (for ETSI)	Resistor	Not mounted (for FCC/ARIB) RK73B1HTTC680J (for ETSI)	KOA	R0603
R508	NM (for FCC/ARIB) 100 (for ETSI)	Resistor	Not mounted (for FCC/ARIB) RK73B1HTTC101J (for ETSI)	KOA	R0603
R509	NM (for FCC/ARIB) 0 (for ETSI)	Resistor	Not mounted (for FCC/ARIB) RK73Z1HTTC (for ETSI)	KOA	R0603

R510	0 (for FCC/ARIB) NM (for ETSI)	Resistor	RK73Z1HTTC (for FCC/ARIB) Not mounted (for ETSI)	KOA	R0603
R511	180 (for FCC/ARIB) NM (for ETSI)	Resistor	RK73B1HTTC181J (for FCC/ARIB) Not mounted (for ETSI)	KOA	R0603
R512	180 (for FCC/ARIB) 100 (for ETSI)	Resistor	RK73B1HTTC181J (for FCC/ARIB) RK73B1HTTC101J (for ETSI)	KOA	R0603
R513	51	Resistor	RK73B1HTTC510J	KOA	R0603
R520	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
X2	NT1612SA-48M-RNA5028A	TCXO	NT1612SA-48M-RNA5028A	NDK	Clipped sine wave
X3	SSP-T7-F 12.5pF	Crystal resonator	SSP-T7-F / 12.5pF	SII	-40 to +85deg-C
SH1,SH2,SH3,SH4,SH5,SH6, SH7,SH8	36900000	Shield Clip	36900000	Würth Elektronik	6.5 x 0.8 x 1.28 mm