

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

RTK0EE0013D12002BJ_Parts List

Patrs ID	Reference	Type	Patrs number	Manufacture	Note
CN1	DF17(3.0)-60DS-0.5V(57)	Connector	DF17(3.0)-60DS-0.5V(57)	HIROSE	
CN2	HIF3FC-14PA-2.54DSA	Connector	HIF3FC-14PA-2.54DSA	HIROSE	
CN3	FFC-10BMEP1_nm	Connector	FFC-10BMEP1_nm	HTK	Not mounted
CN4	SSW-106-02-G-D	Connector	SSW-106-02-G-D	Samtec	Host
C1,C2,C26	1.0uF	Capacitor	CL05A105KO5NNNC	SAMSUNG ELE	C1005/X5R/16V/10%
C3,C4,C6,C7,C8,C11,C22,C23,C24,C32	0.1uF	Capacitor	CL05A104KA5NNNC	SAMSUNG ELE	C1005/X5R/25V/10%
C5,C12,C13,C15,C17,C18,C21	4.7uF/1608	Capacitor	C1608X5R1C475K080AC	TDK	C1608/16V/10%/X5R
C9,C10	47pF	Capacitor	CL05C470JB5NNNC	SAMSUNG ELE	C1005/C0G/5%/50V
C14	10uF/1608	Capacitor	GRM188R61A106M	MURATA	C1608/10V/20%/X5R
C16,C19	1000pF	Capacitor	CL05B102KB5NNNC	SAMSUNG ELE	C1005/X7R/10%/50V
C20,C27,C28,C29,C30	NM	Capacitor	-	-	Not mounted
C25	470pF	Capacitor	CL05B471KB5NNNC	SAMSUNG ELE	C1005/X7R/10%/50V
C31	0.022uF	Capacitor	CL05B223KB5VPNC	SAMSUNG ELE	C1005/X7R/10%/50V
D1	SMBJ5.0A-TR	Diode	SMBJ5.0A-TR	STM	6.4V0.01A
EH1	J0011D01BNL	Connector	J0011D01BNL	PULSE	
F1,F2,F3,F4,F5,F6,F7,F8,F9,F10	BLM18HB221SN1	Ferrite bead	BLM18HB221SN1	MURATA	220ohm/100m/1608
F11,F13	BLM18PG471SN1	Filter	BLM18PG471SN1	MURATA	470ohm/1A/1608
F12	DLW21SN900SQ2	Filter	DLW21SN900SQ2	MURATA	90ohm/2012
F14	NFE31PT222Z1E	Filter	NFE31PT222Z1E	MURATA	
JP1	FFC-3AMEP1	Connector	FFC-3AMEP1	HONDA TSUSHIN	2.54mm 3pin
JP2,JP3,JP4	FFC-2AMEP1	Connector	FFC-2AMEP1	HONDA TSUSHIN	2.54mm 2pin
J1	FFC-2AMEP1	Connector	FFC-2AMEP1	HONDA TSUSHIN	2.54mm 2pin
LED2,LED5	APA1606CGCK	LED	APA1606CGCK	Kingbright	Green,2.0V10mA,50mcd
R1,R2,R3,R4,R13,R58,R64,R68,R71,R72,R74,R77	4.7K	Resistor	RK73B1ETTP472J	KOA	R1005
R5,R6,R7,R8,R9,R10,R11,R12,R43,R50,R56,R67	0	Resistor	RK73Z1ETTP	KOA	R1005
R15,R16,R17,R31	1.0K	Resistor	RK73B1ETTP102J	KOA	R1005
R18,R19,R20,R21,R46,R70,R73,R75,R76,R78,R79	NM	Resistor	-	-	Not mounted
R22	10K	Resistor	RK73B1ETTP103J	KOA	R1005
R23,R24,R25,R26,R27,R28,R29,R30	200	Resistor	RK73B1ETTP201J	KOA	R1005
R36,R59,R60,R61,R62,R85,R86,R87	100	Resistor	RK73B1ETTP101J	KOA	R1005
R39,R40	27	Resistor	RK73B1ETTP270J	KOA	R1005
R41,R42	5.1K/1%	Resistor	RK73H1ETTP5101F	KOA	R1005/1%
R45	511K/1%	Resistor	RK73H1ETTP5113F	KOA	R1005/1%
R48	115K/1%	Resistor	RK73H1ETTP1153F	KOA	R1005/1%
R49	100K	Resistor	RK73B1ETTP104J	KOA	R1005
R51,R66	330	Resistor	RK73B1ETTP331J	KOA	R1005
R52,R53,R54,R55	49.9/1%	Resistor	RK73G1ETTP49R9F	KOA	R1005/1%
R57	1.5K	Resistor	RK73B1ETTP152J	KOA	R1005
R65	12.1K/1%	Resistor	RK73H1ETTP1212F	KOA	R1005/1%
SW1	A6HR-8104	SW	A6HR-8104	OMRON	
SW2	SKSCLCE010	SW	SKSCLCE010	ALPS	
USB1	CX90B1-24P	Connector	CX90B1-24P	HIROSE	TypeC recept
U1,U3	SN74LVC2G17DCK	Buffer	SN74LVC2G17DCK	TI	
U2	FT230XQ	USB to basic UART	FT230XQ	FTDI	
U4,U6	ISL9005AIRNZ-T	LDO	ISL9005AIRNZ-T	RENESAS	3.3V/0.3A
U5	ISL80510IRAJZ	LDO	ISL80510IRAJZ	RENESAS	4.8V/1A

U7	LAN8720A	Ethernet Transceiver	LAN8720A-CP	Microchip	0-85degC/24QFN
U8	CB3LV-3C-50M0000	OSC	CB3LV-3C-50M0000	CTS ELECTRONIC	
L1	100nH	Inductor	LQG15HNR10J02D	MURATA	L1005
R80	133K/1%	Resistor	RK73H1ETTP1333F	KOA	R1005/1%
R81	590K/1%	Resistor	RK73H1ETTP5903F	KOA	R1005/1%
R82	215K/1%	Resistor	RK73H1ETTP2153F	KOA	R1005/1%
R83	715K/1%	Resistor	RK73H1ETTP7153F	KOA	R1005/1%
R84	274K/1%	Resistor	RK73H1ETTP2743F	KOA	R1005/1%
LED3	APA1606SURCK	LED	APA1606SURCK	Kingbright	Led
LED4	APA1606SYCK	LED	APA1606SYCK	Kingbright	Yellow
JP5	FFC-6BMEP1	Connector	FFC-6BMEP1	HONDA TSUSHIN	2.54mm 6pin
R69	2.7K	Resistor	RK73B1ETTP272J	KOA	R1005
R88	6.2K	Resistor	RK73B1ETTP622J	KOA	R1005