

Mark of drawing	Kind of parts	Rating/Model of parts	Remarks
IC1	IC (CPU)	R5F523E6ADFL [Renesas]	
IC2	IC (LDO)	TPS7A0228PDQNR [TI]	
IC3	IC (LDO)	TPS7A0222PDQNR [TI]	
IC4	IC (Voltage Reference)	LT6656AIDC-1.25 [ADI]	
IC5	IC (OPAMP)	LT6004IDD [ADI]	
IC6	IC (Voltage Reference)	LT6656AIDC-2.8 [ADI]	
IC7	IC (Reset)	RP300K23AA2 [Ricoh]	
Q1,Q4,Q6	N-ch+P-ch Dual MOS FET	EM6M2 [ROHM]	
Q2	NPN+PNP Dual Bip Tr	EMZ7 [ROHM]	
Q3	N-ch+N-ch Dual MOS FET	EM6K7 [ROHM]	
Q5	P-ch+SBD MOS FET	US5U30 [ROHM]	
D1,	Diode	1PS76SB40 [Nexperia]	*
D2,D3,D6	Diode	PMEG1030EJ [Nexperia]	*
D4	Diode	RB715UM [ROHM]	
D5	Diode	BAS40-07 [Nexperia]	
R1,R2,R3,R4,R5, R6,R7,R8,R9,R10, R11,R12,R13,R14, R15,R16,R17,R18, R19,R20,R21,R22, R23,R24,R25,R26, R27,R28,R30,R31, R32,R33,R34,R35, R36,R37,R38,R39, R40,R41,R42,R43, R44,R45	Chip metal film fixed resistor or Chip jumper	10ohm-22Mohm / 1%,0.05W or 50m ohm max, 0.5A (0603)	
NOTE	* marked parts are for safety. These Components may be replaced with equivalent components or may not be mounted. ( ) Parts size code		
REV.	0	NAME	
			PARTS LIST OF DIGITAL PCB FOR MODEL ESF
DATE	2020.10.15	DWG.No.	PLT-6991-6138-50 (1/2)
RIKEN KEIKI CO., LTD.			

Mark of drawing		Kind of parts		Rating/Model of parts	Remarks
R29		Chip metal film fixed resistor		RK73H2BTDD2000F 200 Ω, 1%, 1.0W, 400V	*
TH1		Chip Thermistor or Chip metal film fixed resistor or Chip jumper		Rt25=220ohm - 470kohm / 10% B=3000K-5000K / 10% (1608) or 10ohm-22Mohm / 1%,0.1W or 50m ohm max, 1A (1608)	
C1-C19,C21-C23, C25-C36		Chip multilayer capacitor		Total Capacitance with SENSOR PCB 48.3uFmax	
BAT1		Manganese dioxide battery		CR1632 / muRata Vmax=3.7V, Vtyp=3.0V	*