

DSmainR5.1

Desktop Station

Parts list / 部品リスト

Rev 3.0

部品名, Parts No	仕様 / Specification	Shop OrderNo	Shop
BZ1	Buzzer/Speaker PKM13EPYH4000-A0	P-04118	Akizuki
C1, C2, C5, C7, C11, C12	0.1uF, 2.54mm pitch, 16V or more		Akizuki
C3	35v,220uF Rubicon 105°C品(特価、DIP3mm)	P-04748	Akizuki
C4	10v or more, 1000uF	P-08424	Akizuki
Additonal Capacitor	35v,2200-3300uF		Akizuki
C6,C8	10uF, 25V, 5mm pitch	P-03095	Akizuki
C9, C10	1-10uF, 3216, 50V	P-06462	Akizuki
CN1,CN2, (D1,D2,D7)	nano, LED Pin Socket 1x42,FHU-1x42SG	C-05779	Akizuki
CN5,(CN3,CN9)	LCD,Serial,FAN, Pin Header 2.54mm pitch		Akizuki
CN4	LAN Connector, 7810-8P8C	C-00159	Akizuki
CN6	EG3.81, 2pin, Plug / receptacle		
CN7	2.1mm DC Jack(20V, 4A)	C-09408	Akizuki
CN8	OPIF MJ-4PP-9	C-06070	Akizuki
D1	LED, MAINPOWER, Green, 3mm		Akizuki
D2	LED, ERR, Red, 3mm		Akizuki
D7	LED, RUN, Yellow, 3mm		Akizuki
D3	SBM1045VSS 10A	I-06168	Akizuki
D4, D5, D6	1N4148 100V200mA	I-00743	Akizuki
F1	Resettable Fuse, RUEF500	650-RUEF500	MOUSER,
IC1	ATMEGA328P-PU (DIP)	I-03142	Akizuki
IC1'	DIP socket(300mil, 28pins)	P-00013	Akizuki
IC2	ACS711ELCR-12AB, Current sensor IC		RS
IC3	Regulator 5V1A Rohm BP-5293-50	M-11188	Akizuki
IC51 ,IC61 (Instead of IC5, IC6)	IRS2302S, Gate Driver, HALF BRDG DRIVER 600V 5 to 20V 540ns	942- IRS2302SPBF	MOUSER,
R3,R9,R10, R18, R24	6.8k, 1/4W		Akizuki
R1,R2,R4,R19,R17	1.2k, 1/4W, 5pcs		Akizuki
R5,R6,R7,R8, R15	100Ohm, 1/4W,		Akizuki
R11, R12, R13, R14	47k, 1/4W		Akizuki
R16, R20,R21,R22,R23	100Ohm, 1/6W		Akizuki
SW1	VR ALPS, RK0971221-F15-C0-V503	P-03036	Akizuki
SW2,SW3,SW4,SW5,SW6,SW	DIP Switch(Horizontal) SKHHLQA010	688-SKHHLQ	MOUSER
Tr1,T2,Tr3,Tr4	Sanken FK106269, 60V, 24A	I-08364	Akizuki
X1	Ceralock, DIP, 16MHz	P-00525	Akizuki
Knob	Plastic volume / knob	P-00999	Akizuki
MCU Board	Arduino nano compatible board (BAITE)		BAITE
Main PCB	main PCB	Special order	ELECROW
Case	Takachi, Enclosure case, PF15-5-10W base	Special order	Takachi
PCB Screw	Takachi, EM2.3, M2.3 screw x4		Takachi

LCD board:

C1, C2	1uF, 2102, 16V or more	P-07525	Akizuki
R1	100Ohm, 1608, or 1/6W		
LCD	AQM0802A, I2C, LCD 2 x 8, Backlight	P-09422	Akizuki
LCD cable	5pins 5cm ribbon cable		
LCD board	Original		Elecrow