Pet auto feeder control board

Rev: 1.0

2023-11-22

	Sourced	Placed	References	Value	Footprint	Quantity
1	☐	☐	C1, C2, C3, C4, C6, C7, C9, C11	100nF	C_0603_1608Metric	8
2	☐	☐	C5	1uF	C_0603_1608Metric	1
3	☐	☐	C8	10uF	C_0603_1608Metric	1
4	☐	☐	C10	330uF	CP_Elec_6.3x7.7	1
5	☐	☐	R1, R2, R3, R6	1k	R_0603_1608Metric	4
6	☐	☐	R4, R5	4.7k	R_0603_1608Metric	2
7	☐	☐	R8, R9	5.1k	R_0603_1608Metric	2
8	☐	☐	R7	100k	R_0603_1608Metric	1
9	☐	☐	U1	Floppy_Board_v1.0	Floppy board v1.0	1
10	☐	☐	U2	L293D	DIP-16_W7.62mm	1
11	☐	☐	U3	DS3231_RTC_MODULE	JST_XH_B4B-XH-A_1x04_P2.50mm_Vertical	1
12	☐	☐	U4	oled_0.96"_128x64px	128x64OLED	1
13	☐	☐	U5	CH340N	SOP-8_3.9x4.9mm_P1.27mm	1
14	☐	☐	F1	500mA	Fuse_1206_3216Metric_Pad1.42x1.75mm_HandSolder	1
15	☐	☐	SW1	B_+	SMD BUTTON 5.1x5.1	1
16	☐	☐	SW2	B_-	SMD BUTTON 5.1x5.1	1
17	☐	☐	SW3	B_OK	SMD BUTTON 5.1x5.1	1
18	☐	☐	SW4	RESET	SW_Tactile_SPST_NO_Straight_CK_PTS636Sx25SMTRLFS	1
19	☐	☐	SW5	BOOT0	SW_Tactile_SPST_NO_Straight_CK_PTS636Sx25SMTRLFS	1
20	☐	☐	H1, H2, H3, H4	MountingHole	MountingHole_3.2mm_M3_Pad	4
21	☐	☐	BZ1	Buzzer	MagneticBuzzer_PUI_AT-0927-TT-6-R	1
22	☐	☐	JP1	Power selector	SolderJumper-3_P1.3mm_Open_RoundedPad1.0x1.5mm	1
23	☐	☐	Q1	PN2222A	TO-92_Inline	1
24	☐	☐	J1	STEPPER	JST_XH_B4B-XH-A_1x04_P2.50mm_Vertical	1
25	☐	☐	J2	EXTERNAL USB-C	JST_XH_B4B-XH-A_1x04_P2.50mm_Vertical	1
26	☐	☐	J3	USB-C_304A-ACP16X	USB_C_304A-ACP16X	1
27	☐	☐	J4	POWER	JST_XH_B2B-XH-A_1x02_P2.50mm_Vertical	1