

MOTOR 2 (C) MOTOR 1 (C) MOTOR 2 EN MOTOR 1 EN

TOF 1

TOF 2

TOF 3

COLOR SENSOR

TOF 4

TOF 5

TOF 6

TOF 7

MIC

R2 A03M

LA A03M

GPS MODULE

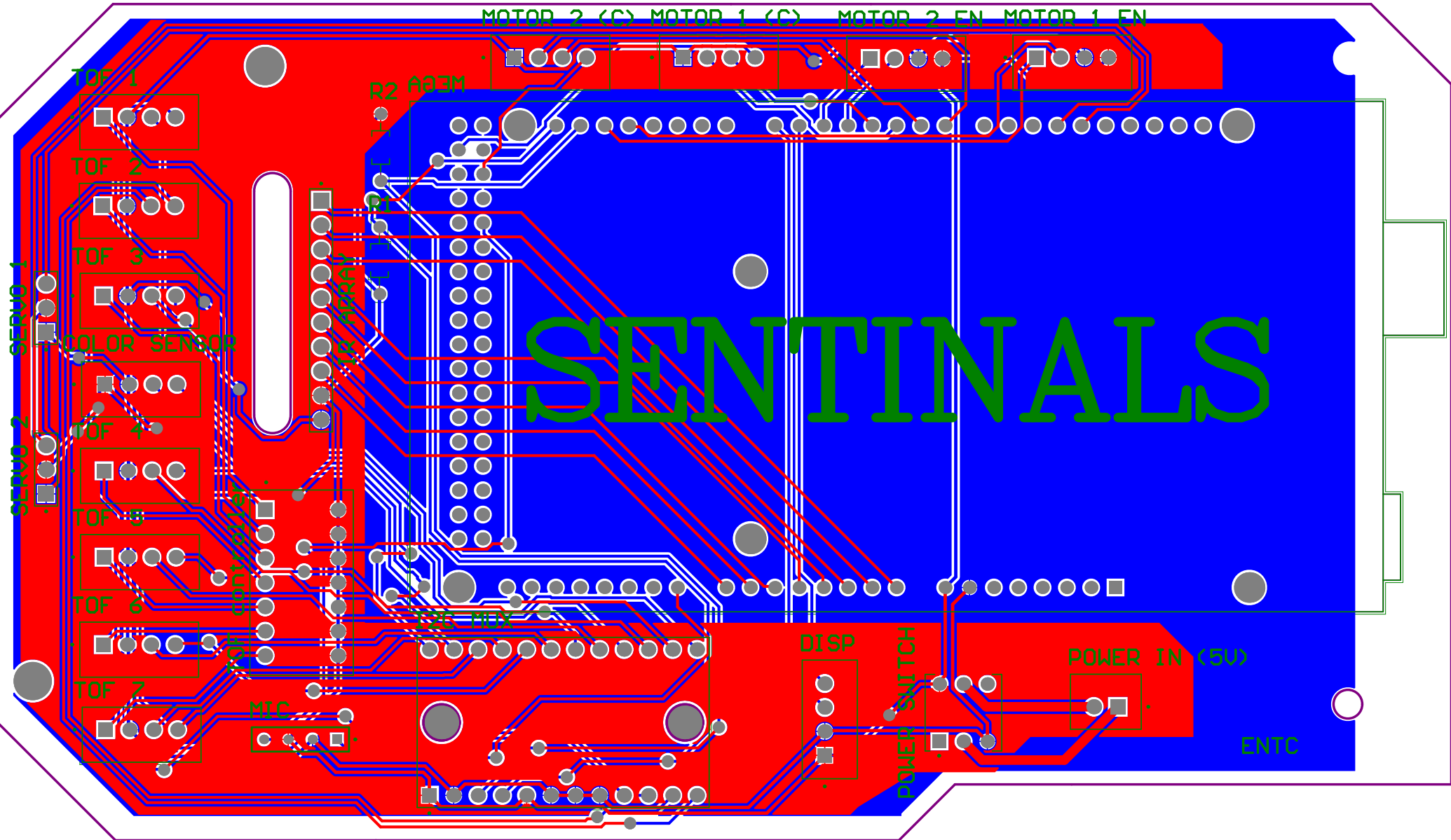
DISP

POWER SWITCH

POWER IN (5V)

ENTC

SENTINELS



Comment	Description	Designator	Footprint	LibRef	Quantity
B4B-XH-A(LF)(SN)	Connector Header Through Hole 4 position 0.098 (2.50mm)	COLOR SENSOR, DISP, MOTOR 1 (C), MOTOR 1 EN, MOTOR 2 (C), MOTOR 2 EN, TOF 1, TOF 2, TOF 3, TOF 4, TOF 5, TOF 6, TOF 7	JST_B4B-XH- A(LF)(SN)	B4B-XH-A(LF)(SN)	13
2717	Module: multiplexer; I2C interface multiplexer; TCA9548A; 3Å·5VDC	I2C MUX	MODULE_2717	2717	1
75160-101-10LF		IR ARRAY	AMPHENOL_75160- 101-10LF	75160-101-10LF	1
A000067	Arduino Mega 2560 Rev3. ATmega2560 Microcontroller Mega Development Board 16MHz CPU 8KB RAM 4KB/256KB EEPROM/Flash	MEGA	ARDUINO_A000067	A000067	1
TS-104-G-AA		MIC	SAMTEC_TS-104-G- AA	TS-104-G-AA	1
B2B-XH-A(LF)(SN)	Connector Header Through Hole 2 position 0.098 (2.50mm)	POWER IN (5V)	JST_B2B-XH- A(LF)(SN)	B2B-XH-A(LF)(SN)	1
TL2285EE		POWER SWITCH	SW_TL2285EE	TL2285EE	1
1623927-1	Res Carbon Film 100K Ohm 5% 0.25W(1/4W) - 700ppm/Å°C to 0ppm/Å°C Conformal Coated AXL Ammo Pack	R1, R2	RESAD700W45L350D1 85	1623927-1	2
75160-101-03LF	BergStik®, Board to Board connector, Unshrouded vertical header, through hole, single Row,3 position, 2.54mm pitch	SERVO 1, SERVO 2	AMPHENOL_75160- 101-03LF	75160-101-03LF	2
DS02-254-2L-07BE		TOF controller	SW_DS02-254-2L- 07BE	DS02-254-2L-07BE	1