





Comment	Description	Designator	Footprint	LibRef	Quantity
JUMPER_2		*1	JUMPER_2	JUMPER_2	1
64-pin STM32F4 chip with symbol for Foxcar Control Board v1.		1	LQFP64	STM32F4R_64PIN_FOXCAR	1
Connector	2pin connector	Btn1, Btn2, MotorCtrl	FP_CONN2_TUSKE_254MM	Connector_2pin	3
100nF	Capacitor	C1, C2, C3	FP_0805_CAP_085	CAP 100nF	3
22pF	Capacitor	C_quartz1, C_quartz2	FP_0805_CAP_085	CAP 22pF	2
4-Pin Header		FrontDist, FrontLine, I1, I2C_Dist, J1, J2, J3, J4, RearLine, SWD, UartX1	4-Pin Header	4-Pin Header	11
ServoMotor	Servo motor	FrontServo, RearServo, ServoX1, ServoX2	Servo_motor	ServoMotor	4
MPU9250		Gyro	MPU9250	MPU9250	1
LED Red	Red LED	LED	FP_0805_LED_RED	LED Red	1
10K	Resistor	R1, R2, R3, R5, R6, R8, R_boot	FP_0805_RES	RES 10K	7
120R	Resistor	R4, R7	FP_0805_RES	RES 120R	2
1K	Resistor	R9, R10, R11, R12, R_led	FP_0805_RES	RES 1K	5
SiLabs_Thunderboard_Sense2	Radio transmitter/receiver	Recv	SiLabs_Thunderbird_Sense2	SiLabs_Thunderboard_Sense2	1
RPI GPIO Connector	GPIO Header for Raspberry Pi A+/B+/Pi 2/Pi 3 - 2x20	RPi	rpi	rpi connector	1
		RPi3V3, RPi5V	JUMPER_2	JUMPER_2	2
pMOS	pMOS FET	T1, T2	FP_SOT23-3	pMOS	2
8MHz	Quarz Crystal	X1	FP_CRYSTAL_HC49-SMD	Crystal	1