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	0.1uF	Capacitor, Multilayer, Ceramic, 16V, 10% +Tol, 10% -Tol, X7R, 15% TC, 0.1uF,	C1, C2, C3, C4, C5, C6, C7, C8, C9, C10, C11	11	Murata	GRM155R71C104KA88D	Not Recommended for New Design	Digi-Key	490-3261-1-ND	0.02117	0.232
		Surface Mount, 0402 Tri Color Pcb									
	RGB LED	Top View SMD Led R	D1, D2, D3	3	Everlight	19-337C/RSBHGHC-A88/4T	Unknown	Digi-Key	1080-1631-1-ND	0.40331	1.
	PIN_HEA DER	Board Connector, 1 Contact(s), 1 Row(s), Male, Straight, Solder Terminal	10, 11, 12, 13, 14, 15, 19	7	Sullins	PREC001SAAN-RC	Unknown	Digi-Key	\$1012EC-01-ND	0.06628	0.463
	CAN H	Board Connector, 1 Contact(s), 1 Row(s), Male, Straight, Solder	16	1	Sullins	PREC001SAAN-RC	Unknown	Digi-Key	\$1012EC-01-ND	0.05213	0.052
	CAN L	Terminal Board Connector, 1 Contact(s), 1 Row(s), Male, Straight, Solder	л	1	Sullins	PRECDO1SAAN-RC	Unknown	Digi-Key	\$1012EC-01-ND	0.041	0.0
	CON_ST M32_PR OGRAM MING	Terminal CONN HEADER SMD 10POS 1.27MM	18	1	Samtec	FTSH-105-01-F-DV-K	Volume Production	Digi-Key	SAM8796-ND	2.92	2
	CON 2- SCREW	TERM BLK 2POS SIDE	J10	1	Phoenix Contact	1935161	Volume Production	Digi-Key	277-1667-ND	0.43356	0.433
	CON 3-	ENTRY 5MM TERM BLK 3POS SIDE	J11		Phoenix Contact	1935174	Volume Production	Digi-Key	277-1578-ND	0.60496	0.604
	SCREW MOUNTI	ENTRY 5MM	MH1, MH2,		TIDETIE CONTECT	1733174	TOURING TOURS	Digitally	277-1370-10	0.00470	0.004
	NG HOLE SW_SPST	SWITCH TACTILE SPST-	MH3, MH4 MODE, S2	2	Omron	B3U-1000P	Volume Production	Digi-Key	SW1020CT-ND	0.92761	1
	_NO Micro Type B	NO 0.05A 12V USB Connector, 5 Contact(s), Female, Right Angle, Solder Terminal, Locking, Receptacle	P1	1	Amphenol ICC / FCI	10118193-0001LF	Unknown	Digi-Key	609-4616-1-ND	0.48397	0.483
	24A 60V	Power Field- Effect Transistor, 24A I(D), 60V,	01, 02, 03, 04, 05, 06, 07	7	STMicroelectronic s	STD20NF06LT4	Volume Production	Digi-Key	497-5888-1-ND	0.99819	6.
	20Ω 0603	Fixed Resistor, 0.1W, 20ohm, 50V, 5% +/-	R3, R4, R10, R11	4	Rohm	SDR03EZPJ200	Volume Production	Digi-Key	511-1747-1-ND	0.10083	0.403
	68Ω 1206	VISCRCW1206 68ROJNEAC Res Thick Film 1206	R5, R12	2				Digi-Key	541- CRCW120668R0JNEACCT- ND		
	10kΩ 1206	Tol,	R6, R7, R8, R13, R14, R15, R16, R17, R18, R19, R21, R22, R23	13	Yageo	RE1206FRE0710KL	Volume Production	Digi-Key	13-RE1206FRE0710KLCT- ND	0.05949	0.77
	120Ω 0603	Fixed Resistor, 0.1W, 120ohm, 50V, 5% +/-Tol, 200ppm/Cel, Surface Mount 0603	R9	1	Rohm	SDR03EZPJ121	Volume Production	Digi-Key	511-1735-1-ND	0.12926	0.12
		Fixed Resistor, 0.1W, 120ohm, 50V, 5% +/-Tol, 200ppm/Cel, Surface Mount, 0603	R20	1	Rohm	SDR03EZPJ121	Volume Production	Digi-Key	511-1735-1-ND	0.10166	0.101
	TESTPT		TP-CRX, TP- CTX, TP-E1, TP- E2, TP-H1, TP- H2, TP-H3, TP- H4, TP-H5, TP- H6, TP-PWM, TP-RX, TP-TX	13							
	STM32F4 46RET6	CORTEX-M4F CPU, 180MHz, CMOS, POEPA4	U1	1	STMicroelectronic s	STM32F446RET6	Volume Production	Digi-Key	497-15376-ND		
	FT232RL	USB Bus Controller, CMOS, PDSO28	U2	1	FTDI	FT232RL-REEL	Volume Production	Digi-Key	768-1007-1-ND	4.54	4
		Bus Transceiver, LVC/LCX/Z Series, 1-Func, 1-Bit, True Output, CMOS, PDSO6	U3	1	Diodes	74LVC1T45Z6-7	Volume Production	Digi-Key	74LVC1T4526-7DICT-ND	0.39323	0.39
	IC_CAN_T RANSCEIV ER	IC TXRX CAN 4MBPS 850	U4	1	Analog Devices / Linear Technology	LTC2875IS8#PBF	Unknown	Digi-Key	LTC2875IS8#PBF-ND	4.32	4
	3.3V Out 5.5V MAX	Controller, 150mA, 3.3 V, ±3% 5-Pin, SC- 75	US	1	Microchip	MIC5365-3.3YC5-TR	Volume Production	Digi-Key	576-3193-1-ND	0.12099	0.12
		Fixed Positive LDO Regulator, 5V, 0.38V Dropout, PDSO5	U6	1	ON Semiconductor	NCP718ASN500T1G	Volume Production	Digi-Key	NCP718ASN500T1GOSCT- ND	0.39323	0.39