

Subteam	Qty	Unit	Part #	Description	Web Link	Unit Price	Price	Reference	Notes
				Logic V2	Updated: 5/7/21				
CarMan-LOGIC	15	ea	TMF212B7104KGHT	0.1uF cap	<a href="https://www.mouser.com">https://www.mouser.com</a>	\$0.22	\$3.30	C1-4,6-12,14,15,18,19,21	
CarMan-LOGIC	1	ea	C0805X103K5RAC7210	0.01uF cap	<a href="https://www.digikey.com">https://www.digikey.com</a>	\$0.36		C13	
CarMan-LOGIC	1	ea	C0805C334K5REC7210	0.33uF cap	<a href="https://www.mouser.com">https://www.mouser.com</a>	\$0.28	\$0.28	C20	
CarMan-LOGIC	1	ea	C0805DC105KAT2A	1uF cap	NA	NA		NA	C5
CarMan-LOGIC	2	ea	C0805C220K1HACTU	22pF	<a href="https://www.mouser.com">https://www.mouser.com</a>	\$0.10	\$0.20	C16,17	
CarMan-LOGIC	1	ea	L0805C27NJRMS	28nH	<a href="https://www.mouser.com">https://www.mouser.com</a>	\$0.41	\$0.41	L1	
CarMan-LOGIC	1	ea	RK73H2ATTD1001F	1K Ohm 1/4W Resistor	<a href="https://www.mouser.com">https://www.mouser.com</a>	\$0.10	\$0.10	R4	
CarMan-LOGIC	1	ea	ERJ-6ENF4701V	4K7 Ohm 1/8W Resistor	<a href="https://www.mouser.com">https://www.mouser.com</a>	\$0.10	\$0.10	R10	
CarMan-LOGIC	11	ea	SG73G2ATTD1002D	10K Ohm 1/2W Resistor	<a href="https://www.mouser.com">https://www.mouser.com</a>	\$0.23	\$2.53	R1,2,3,5,6,8,9,11,12,13, 14,15,16	
CarMan-LOGIC	1	ea	CRCW0805120RFKEAC	120 Ohm 1/8W Resistor	<a href="https://www.mouser.com">https://www.mouser.com</a>	\$0.16	\$0.16	R7	
CarMan-LOGIC	6	ea	VAOL-S8GT4	Green/Yellow LED	<a href="https://www.digikey.com">https://www.digikey.com</a>	\$0.36	\$2.16	D1,2,3,4,5,6,7,8	
CarMan-LOGIC	1	ea	L78L05ACD13TR	5V Linear Regulator	<a href="https://www.mouser.com">https://www.mouser.com</a>	\$0.48	\$0.48	CR1	
CarMan-LOGIC	1	ea	ECS-160-20-5PX-TR	16MHz Clock	<a href="https://www.mouser.com">https://www.mouser.com</a>	\$0.39	\$0.39	Y1	
CarMan-LOGIC	2	ea	MCP9700T-E/TT	Temp Sensor	<a href="https://www.mouser.com">https://www.mouser.com</a>	\$0.25	\$0.50	U1	MCP9700AT-HTT works. Order more!
CarMan-LOGIC	2	ea	ISO1050DUB	CAN Isolator	<a href="https://www.mouser.com">https://www.mouser.com</a>	\$5.89	\$11.78	U5,2	Order more!
CarMan-LOGIC	1	ea	PIC32MZ2048EFM064-I_P	Pic32	<a href="https://www.mouser.com">https://www.mouser.com</a>	\$10.99	\$10.99	U3	
CarMan-LOGIC	1	ea	PYB20-Q24-S5	Isolated DC/DC Converter	<a href="https://www.mouser.com">https://www.mouser.com</a>	\$33.84	\$33.84	U4	
CarMan-LOGIC	1	ea	LT1763CS8-3.3PBF	Voltage Regulator	<a href="https://www.mouser.com">https://www.mouser.com</a>	\$4.84	\$4.84	U7	
CarMan-LOGIC	1	ea	MCP2515-xSO	CAN-SPI Interface	<a href="https://www.mouser.com">https://www.mouser.com</a>	\$1.82	\$1.82	U8	
CarMan-LOGIC	1	ea	ISO1541DR	I2C isolator	<a href="https://www.mouser.com">https://www.mouser.com</a>	\$4.05	\$4.05	U9	
CarMan-LOGIC	3	ea	39-28-1043	Molex MiniFit Jr 2x2 Header	<a href="https://www.mouser.com">https://www.mouser.com</a>	\$0.79	\$2.37	J1,2,4	
CarMan-LOGIC	1	ea	M20-7820646	Female 2.54mm 1x6 Header	<a href="https://www.mouser.com">https://www.mouser.com</a>	\$1.41	\$1.41	J5	
CarMan-LOGIC	1	ea	3040-10-00	2x5 Ribbon Cable connector to board	<a href="https://www.digikey.com">https://www.digikey.com</a>	\$0.42	\$0.42	J3	
CarMan-LOGIC	2	ea	42375-1856	Male 2.54mm Break-away 3ct Header	<a href="https://www.mouser.com">https://www.mouser.com</a>	\$0.17	\$0.34	J6,U11	
CarMan-LOGIC	2	ea	M20-7820246	Female 2 pin header 2.54mm	<a href="https://www.mouser.com">https://www.mouser.com</a>	\$0.73	\$1.46	U10	
CarMan-LOGIC	1	ea	M20-7820346	Female 3 pin header 2.54mm	<a href="https://www.mouser.com">https://www.mouser.com</a>	\$0.77	\$0.77	U10	
CarMan-LOGIC	1	ea	Raspberry Pi 3B	NA	NA	NA	NA		