

# Bill Of Materials for Racing\_SteeringWheel

**Design Title** Racing\_SteeringWheel  
**Author**  
**Document Number**  
**Revision**  
**Design Created** Thursday, March 4, 2021  
**Design Last Modified** Thursday, March 11, 2021  
**Total Parts In Design** 47

## 0 Modules

<a href="#">Quantity</a>	<a href="#">References</a>	<a href="#">Value</a>	<a href="#">Stock Code</a>	<a href="#">Unit Cost</a>	<a href="#">link</a>	<a href="#">link2</a>
--------------------------	----------------------------	-----------------------	----------------------------	---------------------------	----------------------	-----------------------

Sub-totals: \$0.00

## 20 Capacitors

<a href="#">Quantity</a>	<a href="#">References</a>	<a href="#">Value</a>	<a href="#">Stock Code</a>	<a href="#">Unit Cost</a>	<a href="#">link</a>	<a href="#">link2</a>
2	C1-C2	1u		\$0.17	<a href="https://ozdisan.com/passive-components/capacitors/smt-smd-and-mlcc-capacitors/CL21B105KBFNNNE">https://ozdisan.com/passive-components/capacitors/smt-smd-and-mlcc-capacitors/CL21B105KBFNNNE</a>	
2	C3-C4	10p		\$0.09	<a href="https://www.ozdisan.com/passive-components/capacitors/smt-smd-and-mlcc-capacitors/CL21C100JBANNNC">https://www.ozdisan.com/passive-components/capacitors/smt-smd-and-mlcc-capacitors/CL21C100JBANNNC</a>	
1	C5	4.7u	CL21B475KOFNNNE	\$0.47	<a href="https://www.ozdisan.com/passive-components/capacitors/smt-smd-and-mlcc-capacitors/CL21B475KOFNNNE">https://www.ozdisan.com/passive-components/capacitors/smt-smd-and-mlcc-capacitors/CL21B475KOFNNNE</a>	
2	C6,C14	2.2u		\$0.21	<a href="https://www.ozdisan.com/passive-components/capacitors/smt-smd-and-mlcc-capacitors/CL21B225KAFNNNE">https://www.ozdisan.com/passive-components/capacitors/smt-smd-and-mlcc-capacitors/CL21B225KAFNNNE</a>	
11	C7-C13, C15-C17, C20	0.1u		\$0.04	<a href="https://www.ozdisan.com/passive-components/capacitors/smt-smd-and-mlcc-capacitors/CL10B104KB8NNNC">https://www.ozdisan.com/passive-components/capacitors/smt-smd-and-mlcc-capacitors/CL10B104KB8NNNC</a>	
2	C18-C19	10u		\$0.49	<a href="https://www.ozdisan.com/passive-components/capacitors/smt-smd-and-mlcc-capacitors/CL21B106KOQNNNE">https://www.ozdisan.com/passive-components/capacitors/smt-smd-and-mlcc-capacitors/CL21B106KOQNNNE</a>	
Sub-totals:				\$2.81		

## 4 Resistors

<a href="#">Quantity</a>	<a href="#">References</a>	<a href="#">Value</a>	<a href="#">Stock Code</a>	<a href="#">Unit Cost</a>	<a href="#">link</a>	<a href="#">link2</a>
2	R1-R2	64.9		\$0.02	<a href="https://www.ozdisan.com/passive-components/resistors/smt-smd-and-chip-resistors/0805S8F649JT5E">https://www.ozdisan.com/passive-components/resistors/smt-smd-and-chip-resistors/0805S8F649JT5E</a>	
1	R3	10K		\$0.02	<a href="https://www.ozdisan.com/passive-components/resistors/smt-smd-and-chip-resistors/0805S8F1002T5E">https://www.ozdisan.com/passive-components/resistors/smt-smd-and-chip-resistors/0805S8F1002T5E</a>	
1	R5	120	0805S8F1200T5E	\$0.02	<a href="https://www.ozdisan.com/passive-components/resistors/smt-smd-and-chip-resistors/0805S8F1200T5E">https://www.ozdisan.com/passive-components/resistors/smt-smd-and-chip-resistors/0805S8F1200T5E</a>	
Sub-totals:				\$0.09		

## 6 Integrated Circuits

<a href="#">Quantity</a>	<a href="#">References</a>	<a href="#">Value</a>	<a href="#">Stock Code</a>	<a href="#">Unit Cost</a>	<a href="#">link</a>	<a href="#">link2</a>
--------------------------	----------------------------	-----------------------	----------------------------	---------------------------	----------------------	-----------------------

1	U1	STM32F205VET6	STM32F205VET6	\$58.77	<a href="https://ozdisan.com/integrated-circuits-ics/embedded-ics/microcontrollers/STM32F205VET6">https://ozdisan.com/integrated-circuits-ics/embedded-ics/microcontrollers/STM32F205VET6</a>
1	U2	LD1117S50TR	LD1117S50TR		<a href="https://www.ozdisan.com/integrated-circuits-ics/power-management-ics/linear-voltage-regulators/LD1117S50TR">https://www.ozdisan.com/integrated-circuits-ics/power-management-ics/linear-voltage-regulators/LD1117S50TR</a>
1	U3	TLV70033DDCR	TLV70033DDCR	\$1.18	<a href="https://ozdisan.com/integrated-circuits-ics/power-management-ics/linear-voltage-regulators/TLV70033DDCR">https://ozdisan.com/integrated-circuits-ics/power-management-ics/linear-voltage-regulators/TLV70033DDCR</a>
1	U4	USBLC6-2	USBLC6-2SC6	\$0.91	<a href="https://ozdisan.com/Product/Detail/402751/USBLC6-2SC6">https://ozdisan.com/Product/Detail/402751/USBLC6-2SC6</a>
1	U5	LD1117S33CTR	LD1117S33CTR	\$1.61	<a href="https://www.ozdisan.com/integrated-circuits-ics/power-management-ics/linear-voltage-regulators/LD1117S33CTR">https://www.ozdisan.com/integrated-circuits-ics/power-management-ics/linear-voltage-regulators/LD1117S33CTR</a>
1	U7	MCP2551-E	MCP2551-E/SN	\$10.19	<a href="https://www.direnc.net/mcp2551-e/sn-soic-8-can-bus-entegresi">https://www.direnc.net/mcp2551-e/sn-soic-8-can-bus-entegresi</a>
Sub-totals:				\$72.65	
0 Transistors					
<a href="#">Quantity</a>	<a href="#">References</a>	<a href="#">Value</a>	<a href="#">Stock Code</a>	<a href="#">Unit Cost</a>	<a href="#">link</a> <a href="#">link2</a>
Sub-totals:				\$0.00	
3 Diodes					
<a href="#">Quantity</a>	<a href="#">References</a>	<a href="#">Value</a>	<a href="#">Stock Code</a>	<a href="#">Unit Cost</a>	<a href="#">link</a> <a href="#">link2</a>
1	D2	SP4020-01FTG		\$1.53	<a href="https://ozdisan.com/power-semiconductors/diodes-diode-modules-and-rectifiers/tvs-diodes/SP4020-01FTG">https://ozdisan.com/power-semiconductors/diodes-diode-modules-and-rectifiers/tvs-diodes/SP4020-01FTG</a>
1	D3	1206Y1C-KHA-C		\$0.04	<a href="https://www.ozdisan.com/led-led-aydinlatma-cozumleri/led-komponentler/renkli-led-sinyal/1206Y1C-KHA-C">https://www.ozdisan.com/led-led-aydinlatma-cozumleri/led-komponentler/renkli-led-sinyal/1206Y1C-KHA-C</a>
1	D4	1206R1C-KHA-C		\$0.17	<a href="https://www.ozdisan.com/leds-and-lighting-solutions/led-components/led-signal-color/1206R1C-KHA-C">https://www.ozdisan.com/leds-and-lighting-solutions/led-components/led-signal-color/1206R1C-KHA-C</a>
Sub-totals:				\$1.74	
14 Miscellaneous					
<a href="#">Quantity</a>	<a href="#">References</a>	<a href="#">Value</a>	<a href="#">Stock Code</a>	<a href="#">Unit Cost</a>	<a href="#">link</a> <a href="#">link2</a>
1	B1	L-KLS7-TS3611-2		\$0.07	<a href="https://www.ozdisan.com/elektronik-komponentler/sivicler-anahtarlar/tact-sivicler/L-KLS7-TS3611-2-5-180-T">https://www.ozdisan.com/elektronik-komponentler/sivicler-anahtarlar/tact-sivicler/L-KLS7-TS3611-2-5-180-T</a>
1	F1	LCB3216-101Y-N		\$0.22	<a href="https://ozdisan.com/passive-components/inductors/ferrite-beads/LCB3216-101Y-N">https://ozdisan.com/passive-components/inductors/ferrite-beads/LCB3216-101Y-N</a>
2	J1-J2	KLS1-XL1-2	L-KLS1-XL1-2.00-07-RM-R	\$0.49	<a href="https://www.ozdisan.com/connectors-and-interconnects/rectangular-connectors/pcb-connectors/L-KLS1-XL1-2-00-07-RM-R">https://www.ozdisan.com/connectors-and-interconnects/rectangular-connectors/pcb-connectors/L-KLS1-XL1-2-00-07-RM-R</a>
2	J3,J10	L-KLS1-XL1-2MM-10P-HOR	L-KLS1-XL1-2.00-10-RM-T	\$0.67	<a href="https://www.ozdisan.com/connectors-and-interconnects/rectangular-connectors/pcb-connectors/L-KLS1-XL1-2-00-10-RM-T">https://www.ozdisan.com/connectors-and-interconnects/rectangular-connectors/pcb-connectors/L-KLS1-XL1-2-00-10-RM-T</a>
3	J4,J7-J8	L-KLS1-XL1-2MM-03-HOR-SMT	L-KLS1-XL1-2.00-03-RM-R	\$0.41	<a href="https://www.ozdisan.com/connectors-and-interconnects/rectangular-connectors/pcb-connectors/L-KLS1-XL1-2-00-03-RM-R">https://www.ozdisan.com/connectors-and-interconnects/rectangular-connectors/pcb-connectors/L-KLS1-XL1-2-00-03-RM-R</a>

1	J5	DS1104-B60SR		\$0.21	<a href="https://www.ozdisan.com/konnektor-baglanti-elemanlari/usb-dvi-hdmi-konnektorler/usb-konnektorler/DS1104-B60SR?gclid=CjwKCAjw0tHoBRBhEiwAvP1GFZ9bNkz5mr6I67i-K1qBT9xzzsItfL-iyqXHOvTxGXNfLZjrtI0KR0CyocQAvD_BwE">https://www.ozdisan.com/konnektor-baglanti-elemanlari/usb-dvi-hdmi-konnektorler/usb-konnektorler/DS1104-B60SR?gclid=CjwKCAjw0tHoBRBhEiwAvP1GFZ9bNkz5mr6I67i-K1qBT9xzzsItfL-iyqXHOvTxGXNfLZjrtI0KR0CyocQAvD_BwE</a>
1	J9	PIN HEADER 4PIN(1X4) 254MM THT	5PH1RDA25104G0NNBL6X3X3.	\$0.29	<a href="https://ozdisan.com/connectors-and-interconnects/headers/pin-headers/5PH1RDA25104G0NNBL6X3X3-">https://ozdisan.com/connectors-and-interconnects/headers/pin-headers/5PH1RDA25104G0NNBL6X3X3-</a>
2	RT1-RT2	200mA	MF-FSMF020X-2	\$1.91	<a href="https://www.ozdisan.com/power-semiconductors/circuit-protection-components/ptc-resettable-fuses/MF-FSMF020X-2">https://www.ozdisan.com/power-semiconductors/circuit-protection-components/ptc-resettable-fuses/MF-FSMF020X-2</a>
1	X1	AS49SD-16M-FC160F3	AS49SD-16M-FC160F3-TR	\$1.06	<a href="https://www.ozdisan.com/passive-components/crystals-oscillators-and-resonators/crystals/AS49SD-16M-FC160F3-TR">https://www.ozdisan.com/passive-components/crystals-oscillators-and-resonators/crystals/AS49SD-16M-FC160F3-TR</a>
Sub-totals:				\$9.26	
Totals:				\$86.55	

Wednesday, April 28, 2021 10:18:05 AM