



Bill of Materials

Bill of Materials for Project [BSPD.PrjPCB] (No PCB Document Selected)

Source Data From: BSPD.PrjPCB
 Project: BSPD.PrjPCB
 Variant: None

Creation Date: 2/28/19 11:32 PM
 Print Date: 28-Feb-19 11:32:22 PM

Footprint	Comment	LibRef	Designator	Description	Quantity
C0805	10uF	CL21A106KPFNN	C1	Cap Ceramic 10uF 10V X5R 10% SMD 0805	1
MOLEX_4PIN	MOLEX4PIN	43650-0400	J1	MOLEX 43650-0400 Wire-To-Bo	1
MOLEX_2PIN	MOLEX2PIN	43650-0200	J2	Headers & Wire Housings R/A HEADER 2 PC	1
MOSFET	MOSFET-N	BSS138LT3G	Q1	MOSFET N-CH 50V 200MA SOT-23	1
R0805	2K	ERA6AEB202V	R1	RES SMD 2K OHM 0.1% 1/8W 0805	1
R0805	5.23K	ERA6AEB5231V	R2	RES SMD 5.23K OHM 0.1% 1/8W 0805	1
R0805	10K	ERA6AEB103V	R3	RES SMD 10K OHM 0.1% 1/8W 0805	1
R0805	499	ERA-6AEB4990V	R4	RES SMD 499 OHM 0.1% 1/8W 0805	1
R0805	3.48K	ERA6AEB3483V	R5	RES SMD 348K OHM 0.1% 1/8W 0805	1
RESC2013X12	50k	PTN0805E5002B	R6	RES 50K OHM 0.1% 1/5W 0805	1
R0805	10K	ERA6AEB103V	R7	RES SMD 10K OHM 0.1% 1/8W 0805	1
R0805	6.04K	ERA6AEB6041V	R8	RES SMD 6.04K OHM 0.1% 1/8W 0805	1
TLV3202AIDG	TLV3202AIDGKR	TLV3202AIDGKR	U1	IC COMPAR PWR RRI DL PP 8VSSOP	1
SN74AHC1G0	SN74AHC1G04D	SN74AHC1G04D	U2	The SN74AHC1G04 contains one inverter	1
SN74LVC2G0	SN74LVC2G08D	SN74LVC2G08D	U3	Dual 2-Input Positive-AND Gate	1
					15

Approved	Notes



TEAM PHANTOM
SFU FORMULA SAE ELECTRIC

J1

R8

R5

U1

R3
R2

R1

R7

U2

U3

R6

C1

R4

Q1

J2

BSPD
REV0

Faraz Borghai

Altium

49 (mm)

34 (mm)



TEAM PHANTOM

SFU FORMULA SAE ELECTRIC

BSPD
REV0

Altium

Faraz Borghel

