

Will Craychee

My goals for the Fall 2023 semester:

I would like to make new friends at SDSU since I just transferred from Palomar College. I'd like to get additional experience with PCB design as well.

Intro Project BOM for led dimmer circuit:

Index	Quantity	Digikey Part Number	Manufacturer Part Number	Description	Unit Price	Extended Price USD	Total Price USD
1	2	A130097CT-ND	CRGCQ0603J10 K	RES 10K OHM 5% 1/10W 0603	0.1	0.20	2.98
2	1	A130088CT-ND	CRGCQ0603J33 0R	RES 330 OHM 5% 1/10W 0603	0.1	0.10	
3	2	399-15378-1-N D	C0603C220J8G AC7867	CAP CER 22PF 10V NP0 0603	0.16	0.32	
4	1	2057-PH2-06-U A-ND	PH2-06-UA	CONN HEADER VERT 6POS 2.54MM	0.13	0.13	
5	1	C503B-RAS-CZ 0C0AA2CT-ND	C503B-RAS-CZ0 C0AA2	LED RED CLEAR 5MM ROUND T/H	0.18	0.18	
6	1	PTS647SM38S MTR2LFSCT-N D	PTS 647 SM38 SMTR2 LFS	TACT 4.5 X 4.5, 3.8 MM H, 1.8N,	0.2	0.20	
7	1	ATMEGA328PB -ANRCT-ND	ATMEGA328PB- ANR	IC MCU 8BIT 32KB FLASH 32TQFP	1.85	1.85	

Link to digikey shopping cart: <https://www.digikey.com/short/jb41q0mz>