

A

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C

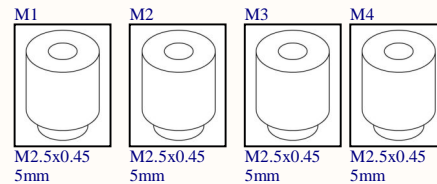
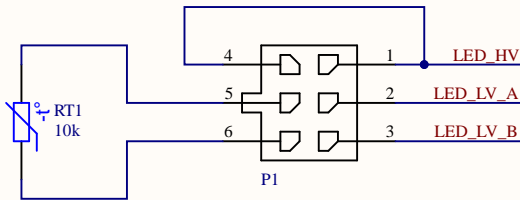
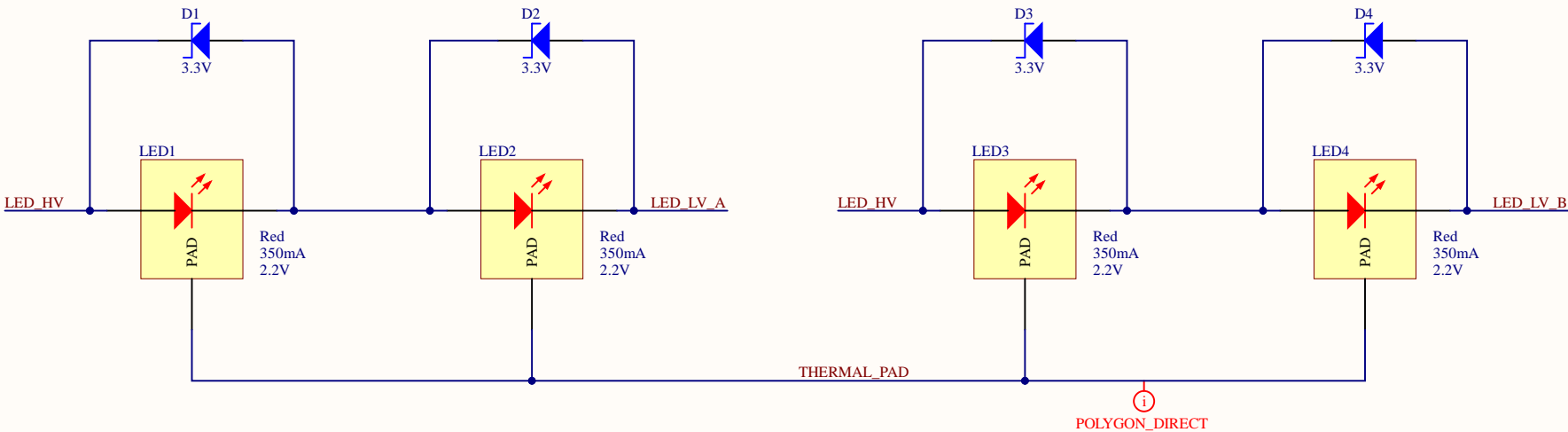
D


A

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C

D



Project: LEDLights.PrjPcb		
Title: LED Lights		
Project Author Nita E & Pei Liang Guo		University of Waterloo 200 University Ave W Waterloo, ON, Canada N2L 3E9
Size: Letter	Revision: 4.0	
Date: 3/28/2020	Sheet 1 of 1	
		Website: www.uwmidsun.com

Comment	Description	Designator	Footprint	LibRef	Quantity	Supplier 1	Supplier Part Number 1	Manufacturer 1	Manufacturer Part Number	Manufacturer Part Number 1
DIODE ZENER 3.3V 3W DO-214AA	Diode Zener Single 3.3V 5% 3000mW Automotive 2-Pin SMB T/R	D1, D2, D3, D4	DO-214AA Diode	DIODE ZENER 3.3V 3W DO-214AA		4 Digi-Key	SZ1SMB5913BT3G OSCT-ND		SZ1SMB5913BT3G	
LED RED XLAMP XP-E2 1414	LED Lighting Color XLamp® XP-E2 Red 623nm (620nm ~ 625nm) 1414 (3535 Metric)	LED1, LED2, LED3, LED4	LED XLAMP XP-E2 1414	LED RED XLAMP XP-E2 1414		4 Digi-Key	XPEBRD-L1-0000- 00902CT-ND		XPEBRD-L1-0000- 00902	
STANDOFF RND M2.5X0.45 STEEL 5MM		M1, M2, M3, M4	M2.5 Standoff	STANDOFF RND M2.5X0.45 STEEL 5MM		4 Digi-Key	732-7095-1-ND		9774050151R	
CONN 6POS MICRO- FIT 2ROW 3mm	Header; 2 Row; Vertical; Polarizing Peg; 6 Pin; Tin Plate; SMT/Glow Wire; Kinked Leads	P1	CONN, 6POS MICRO- FIT	CONN 6POS MICRO- FIT 2ROW 3mm		1 Digi-Key	WM1791-ND		0430450612	
NTC THERMISTORS 10K 0603 SMD	NTC THERMISTORS 10KOHM 1608 SMD	RT1	RES, 0603	NTC THERMISTORS 10K 0603 SMD		1 Digi-Key	490-16279-2-ND		NCU18XH103F60R B	

