

Ideal Bridge Rectifier based on LT4320

Sr.	Qty	Value	Part Num	Package	Parts	Mouser part	REMARKS
1	1	ELECTROLYTIC CAP.	667-ECA-1JHG10	E7.5-10	C2	https://www.mouser.in/ProductDetail/Panasonic/ECA-1JHG100B?qs=sGAEpiMZZMtZ1n0r9vR22WJ2rkVoM0fq1SBTqZcBvPM%3D	This is soldered in the vias adjacent to C1 SMD cap and made to stand above the board
3	1	GREEN/RED	645-599-0281-0	CHIPLED_1206	LED	https://www.mouser.in/ProductDetail/Dialight/599-0281-007F?qs=sGAEpiMZZMseGfSY3csMkdgyOOAg6kv2i37xMyW1ecjgzvFKvsAUw%3D%3D	
4	4	90DEG. PCB HEADER PINS	538-22-28-6081	1X01	AC, AC1, V+, V-	https://www.mouser.in/ProductDetail/Molex/22-28-6081?qs=sGAEpiMZZMs%252BGHln7q6pmyYFY3tENhoZWJEjhHkJC4hI%3D	These are 90 degree PCB pin headers.
5	1	RESISTOR FOR LED	71-TNPW12064	R1206W	RLED	https://www.mouser.in/ProductDetail/Vishay/TNPW12064K70BEEN?qs=sGAEpiMZZMu61qfTUdNhGwnKGft%252BV%2FdSkLQyuTV%2FShw%3D	choose depending on voltage (value shown is for 4.4mA at 24V supply)
6	1	1-10uF	581-12101C225	C1210	C1	https://www.mouser.in/ProductDetail/AVX/12101C225K4Z4A?qs=sGAEpiMZZMvsSlwiRhF8qlr%252BplEwNybhuDEJxovWrehEI49EcuyEw%3D%3D	2.2 uF shown. Choose better component if you prefer.
7	1	10n	81-GRM3195C2	C1206K	CX	https://www.mouser.in/ProductDetail/Murata-Electronics/GRM3195C2A103JA01D?qs=sGAEpiMZZMvsSlwiRhF8qgAexdnv%252Bo%2FxBKtZqaC5uM%3D	Choose better component if you prefer.
8	1	150R	71-TNPW12061	R1206	RS	https://www.mouser.in/ProductDetail/Vishay/TNPW12061M09BEEN?qs=sGAEpiMZZMu61qfTUdNhG7aYZMPoYcGCMLuiQANKG9jnhlq%252BGa4YSg%3D%3D	To be chosen as per quasimodo procedure. Default shown here.
9	1	150n	581-12061C154	C1206K	CS	https://www.mouser.in/ProductDetail/AVX/12061C154KAT2A?qs=sGAEpiMZZMvsSlwiRhF8qkQeMii8omYmStu43YHVyfw%3D	Choose better component if you prefer.
10	1	LT4320-DFN PACKAGE	584-LT4320HDD	DD	U\$4	https://www.mouser.in/ProductDetail/Analog-Devices/LT4320HDD-1PBF?qs=sGAEpiMZZMuZlDJVHEkzuQepFFpFdbK%252BcRXl0XoxPfo%3D	Use either DFN package or the DIP08 Package
11	1	LT4320-DIP08 PACKAGE	584-LT4320HN8	DIL08	U\$5	https://www.mouser.in/ProductDetail/Analog-Devices/LT4320HN8-1PBF?qs=sGAEpiMZZMuZlDJVHEkzuQepFFpFdbK%252BYB2FqcQDu8Q%3D	
12	2	SQJB00EP	78-SQJB00EP-T1	SO-8L	U\$1, U\$3	https://www.mouser.in/ProductDetail/Vishay-Siliconix/SQJB00EP-T1_GE3?qs=sGAEpiMZZMshyDBzk1%2FWj9lDZlVVG72ofxcA2P52dXY87u5r%252B8AMTA%3D%3D	