



Title		
Size	Number	Revision
A2		
Date	2024/5/16	Sheet of
File	D:\Programs\HLDC Sch	Drawn By:

Item #	mn Name Error:Manufac	#Column Name Error:Manufacturer No	Quantity	#Column Name Error:Note	Designator	#Column Name Error:Description	Footprint	Comment	#Column Name Error:LibRel
1			2		C9, C426		LC-0805_C	1uF	
2			19		C10, C14, C72, C76, C420, C427, C428, C501, C502, C504, C505, C506, C508, C509, C510, C512, C513, C601, CX4		LC-0805_C	0.1uF	
3			1		C11		CAP-DM4	10uF	
4			8		C12, C317, C318, C319, C320, C321, C322, CX5		CAP-DM10	220uF/35V	
5			3		C13, C419, C421		CAP-DM10	470uF/35V	
6			2		C16, C17		LC-0805_C	100pF	
7			1		C18		LC-0805_C	1nF	
8			1		C38		LC-0805_C	10nF	
9			12		C324, C325, C326, C327, C328, C329, C336, C337, C338, C339, C340, C341		CAP-TR5.0	100nF/100V	
10			3		C503, C507, C511		CAP-DM4	0.47uF	
11			2		D22, D122		SMA	SS34	
12			3		D501, D502, D503		SMA	ES1J	
13			2		DS1, DS11		LC-0805_LED_S1	Red LED	
14			2		J310, J311		2P(5.08)	CON2	
15			1		J400		2P(5.08)	CON10	
16			1		J401		2P(5.08)	CON11	
17			1		J402		2P(5.08)	CON12	
18			1		J403		2P(5.08)	CON13	
19			6		J410, J602, J605, P100, P101, P102		HDR1X4	CON4	
20			1		J505		HDR1X8	CON8	
21			3		P1, P103, P104		HDR2X2	Header 2X2	
22			1		P10		HDR1X3	Header 3	
23			12		Q301, Q302, Q303, Q304, Q305, Q306, Q307, Q308, Q309, Q310, Q311, Q312		D2PAK	NCE7075K	
24			2		R1, R4		2512	0.05R/1W	
25			2		R11, R111		Axial-2W	20R/2W	
26			5		R13, R113, R601, R606, R611		LC-0805_R	5.1K	
27			30		R17, R21, R85, R325, R326, R327, R328, R353, R354, R375, R378, R380, R390, R398, R400, R438, R440, R503, R507, R511, R515, R519, R523, R604, R609, R614, R616, R617, R618, RX18		LC-0805_R	10K	
28			1		R18		LC-0805_R	680R	
29			18		R20, R27, R501, R502, R505, R506, R509, R510, R513, R514, R517, R518, R521, R522, R603, R608, R613, R623		LC-0805_R	1K	
30			2		R24, R439		LC-0805_R	0R	
31			24		R301, R302, R303, R304, R317, R319, R321, R323, R329, R330, R345, R347, R374, R377, R379, R381, R383, R385, R389, R391, R393, R395, R397, R399		LC-0805_R	10R	
32			12		R362, R363, R364, R365, R366, R367, R387, R401, R403, R404, R405, R406		Axial-2W	220R/2W	
33			4		R434, R435, R436, R437		LC-0805_R	15K	
34			12		R504, R508, R512, R516, R520, R524, R602, R605, R607, R610, R612, R615		LC-0805_R	1.8K	
35			1		RP1		DIP3-RES	10K	
36			2		U4, U307		T0-263-2	L7812	
37			2		U5, U315		SOP8	LM358	
38			9		U14, U502, U503, U504, U505, U506, U602, U603, U604		DIP-8	6N137	
39			2		U501, U601		SOIC-14	74LS05	
40			3		U507, U508, U509		SOIC-16	IR2110S	
41			1		UX2		T0-263-2	L7805	