

Title		
Size	Number	Revision
A3		
Date:	2022/3/5	Sheet of
File:	E:\HDCD-DAC2021-已加工\AV2.0PWB\Bom.Dwg	2 of 2

X-28.5Y84.5

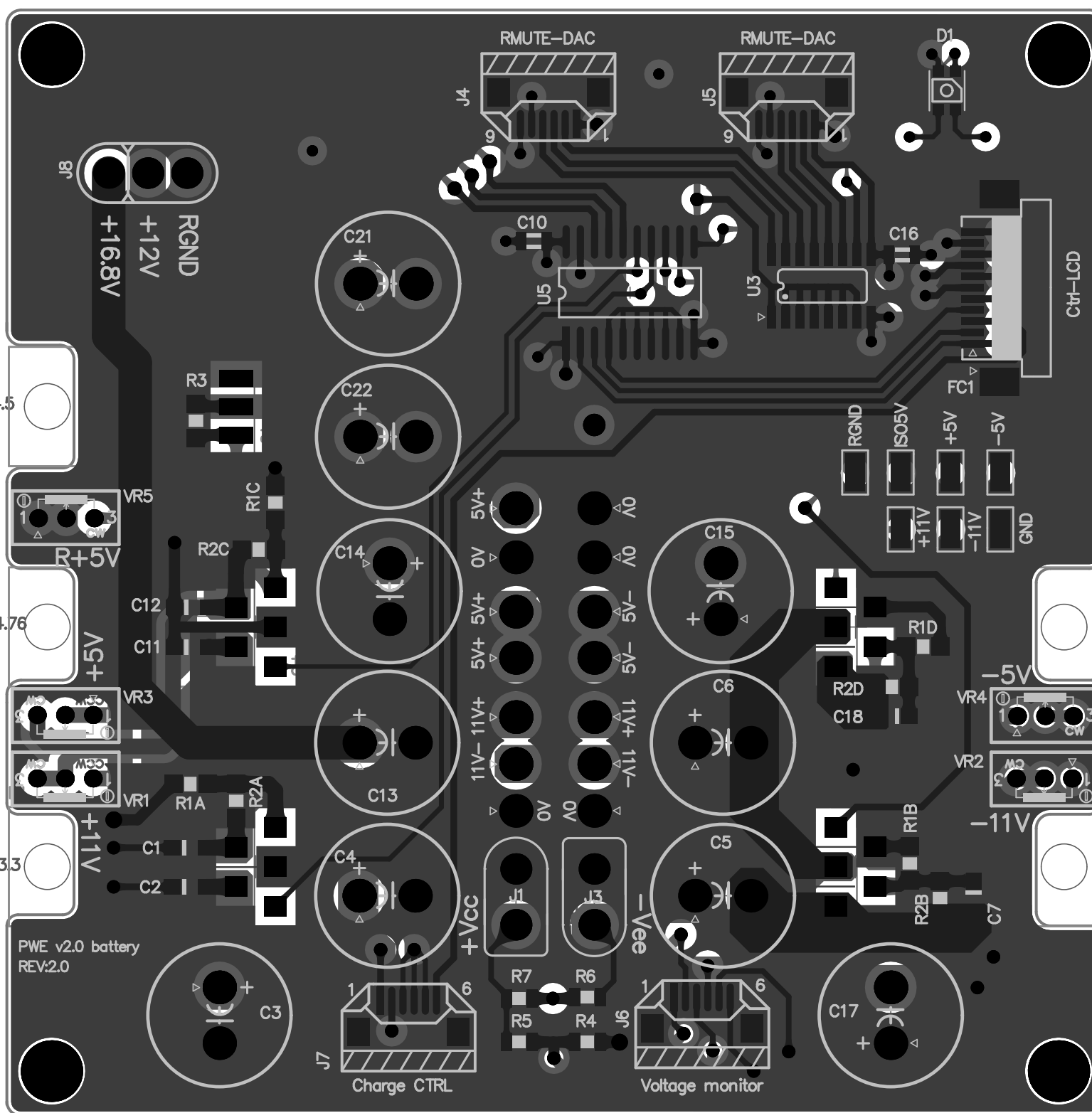
X-28.5Y64.76

X-26.75Y43.3

PWE v2.0 battery
REV:2.0

X-26.85Y64.76

X26.85Y43.3



Comment	Description	Designator	Footprint	LibRef	Quantity
100nF	Capactitor	C1, C2, C7, C8, C9, C11, C12, C18, C19, C20	1206	Cap	10
3000uF25v	Electrdytic Capacitor	C3, C6, C13, C17	CE-13mm*5	Cape	4
1000uF/25V	Electrdytic Capacitor	C4, C5, C14, C15	CE-13mm*5	Cape	4
100nF	Capactitor	C10, C16	c0805	Cap	2
470uF16V	Electrdytic Capacitor	C21, C22	CE-13mm*5	Cape	2
604LED		D1	3825	RG-LED35281210	1
8119828		F1, F2, F3, F4, F5, F6	1206-Filter	PCB-Filter-1206	6
Ctrl-LCD		FC1	FFC1.0-11P-2	FFC1.0-11P	1
+VCC		J1	XT30UPB-M/F	XT30U	1
DSP-CTRL		J2	PFC6	FFC1.0*6P	1
-VEE		J3	XT30UPB-M/F	XT30U	1
RMUTE-DAC		J4, J5	PFC6	FFC1.0*6P	2
Voltage monitor		J6	PFC6	FFC1.0*6P	1
Charge CTRL		J7	PFC6	FFC1.0*6P	1
Ext/Int PWE		J8	MR30	MR30	1
10uh		L1	FB-0805	INC	1
680R		R1	R0805	Resistor	1
1K		R1A, R1B, R1C, R1D, R2A, R2B, R2C, R2D	1406	Resistor	8
430R		R2	R0805	Resistor	1
120		R3	1406	Resistor	1
10K		R4, R5, R6, R7	R0805	Resistor	4
47KK		RP1	PR0603	RP4x4p	1
11V+		tp1, tp2	CONNER	CONNER	2
+11V		tp3	SMT test point	Tp	1
0V		tp4, tp5, tp9, tp14, tp15	CONNER	CONNER	5
11V-		tp6, tp7	CONNER	CONNER	2
-11V		tp8	SMT test point	Tp	1
5V+		tp10, tp12, tp13	CONNER	CONNER	3
+5V		tp11	SMT test point	Tp	1
-5V		tp16	SMT test point	Tp	1
5V-		tp17, tp18	CONNER	CONNER	2
ISO5V		tp19	SMT test point	Tp	1
RGND		tp20	SMT test point	Tp	1
GND		tpG1	SMT test point	Tp	1
LT1764AET+11V	3A带关断功能LDO	U1	TO220-FULL-PAK5PIN	LT1764AET	1
LT3015-11V	-VIN LDO	U2	TO220-FULL-PAK5PIN	LT3015-ADJ	1
ULN2003		U3	SO16	ULN2004	1

Comment	Description	Designator	Footprint	LibRef	Quantity
LT1764AET+5V	3A带关断功能LDO	U4	TO220-FULL-PAK5PIN	LT1764AET	1
74LV541		U5	SOIC20	74LV541	1
LT3015-5V	-VIN LDO	U6	TO220-FULL-PAK5PIN	LT3015-ADJ	1
LT1085-ADJ		U7	tO- 220AB_HORIZONTAL	LT1085-ADJ	1
10K		VR1, VR2, VR3, VR4, VR5	3296	VR	5