

EPUCKCHARGER10X_B

LSA1 F.Mondada

Phone: 37357

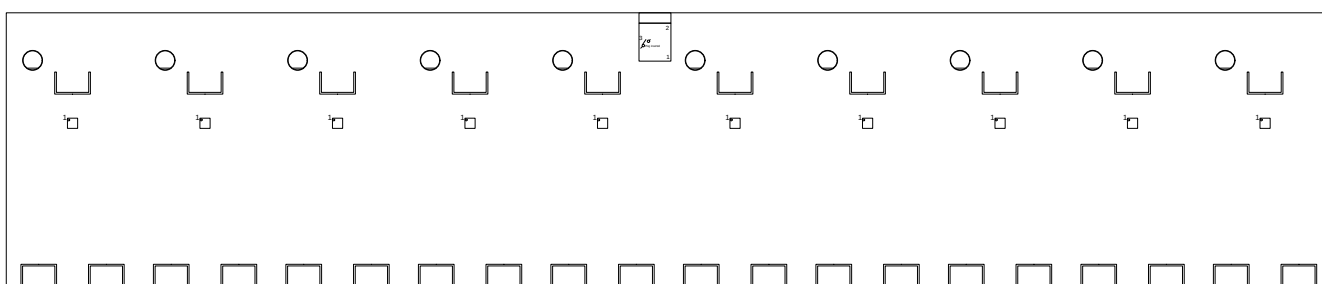
Tue Nov 15 15:40:25 MET 2005

MFG_DATE: 14.11.2005

QUANTITY: 36

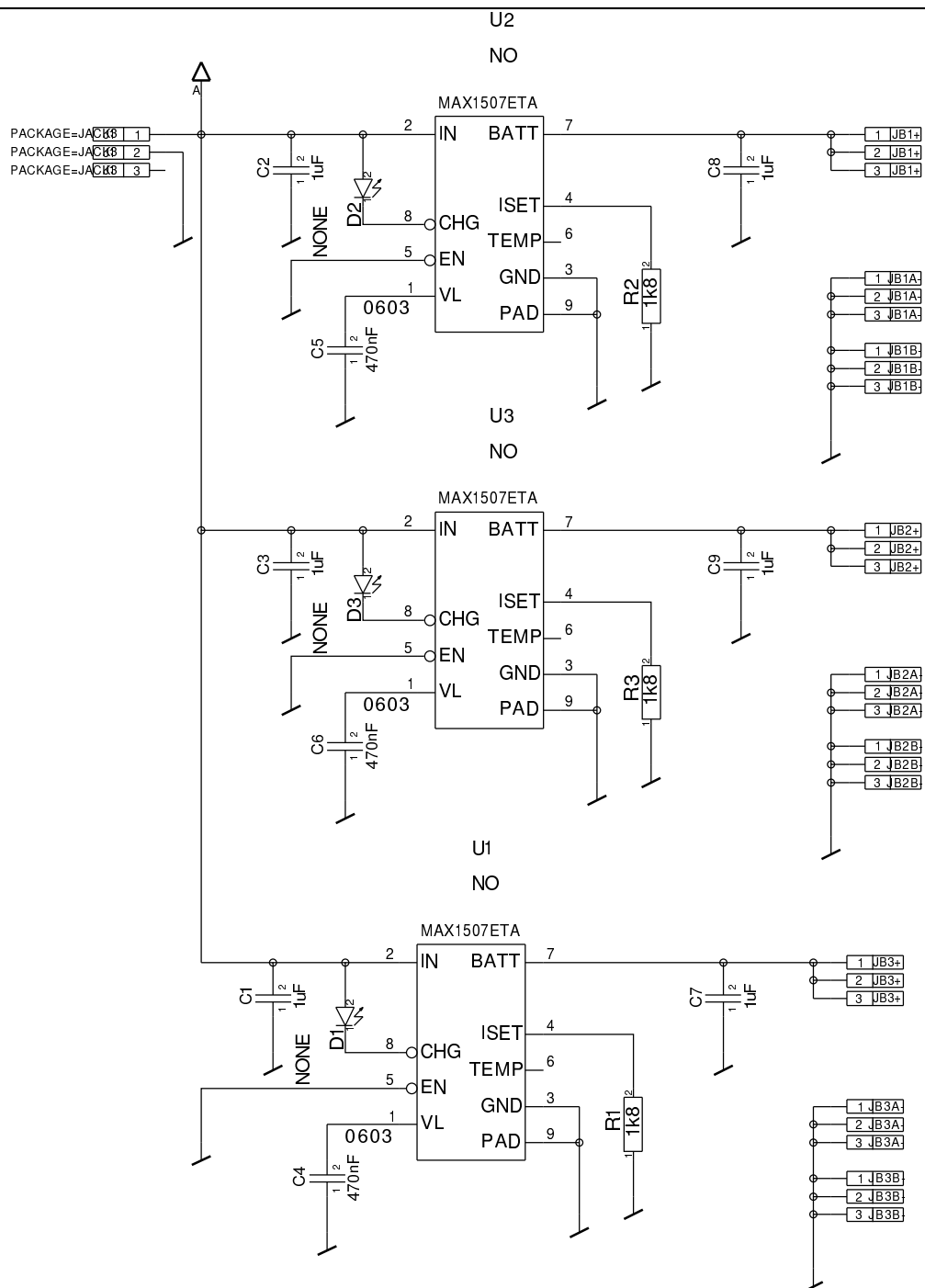
SOLDERMASK: mtop mbot

MATERIAL: FR4 : 1.6 mm



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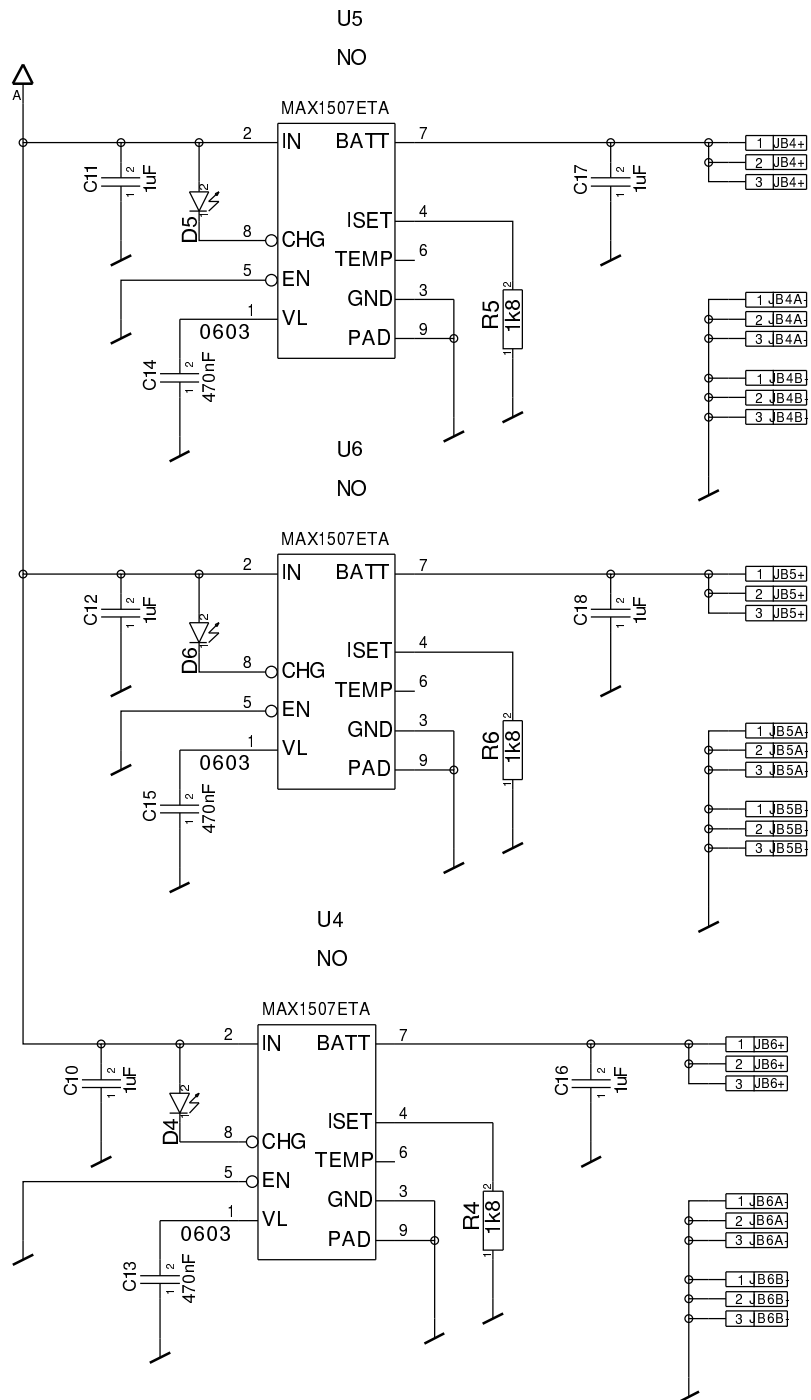


DRAWING
EPUCKCHARGER10X

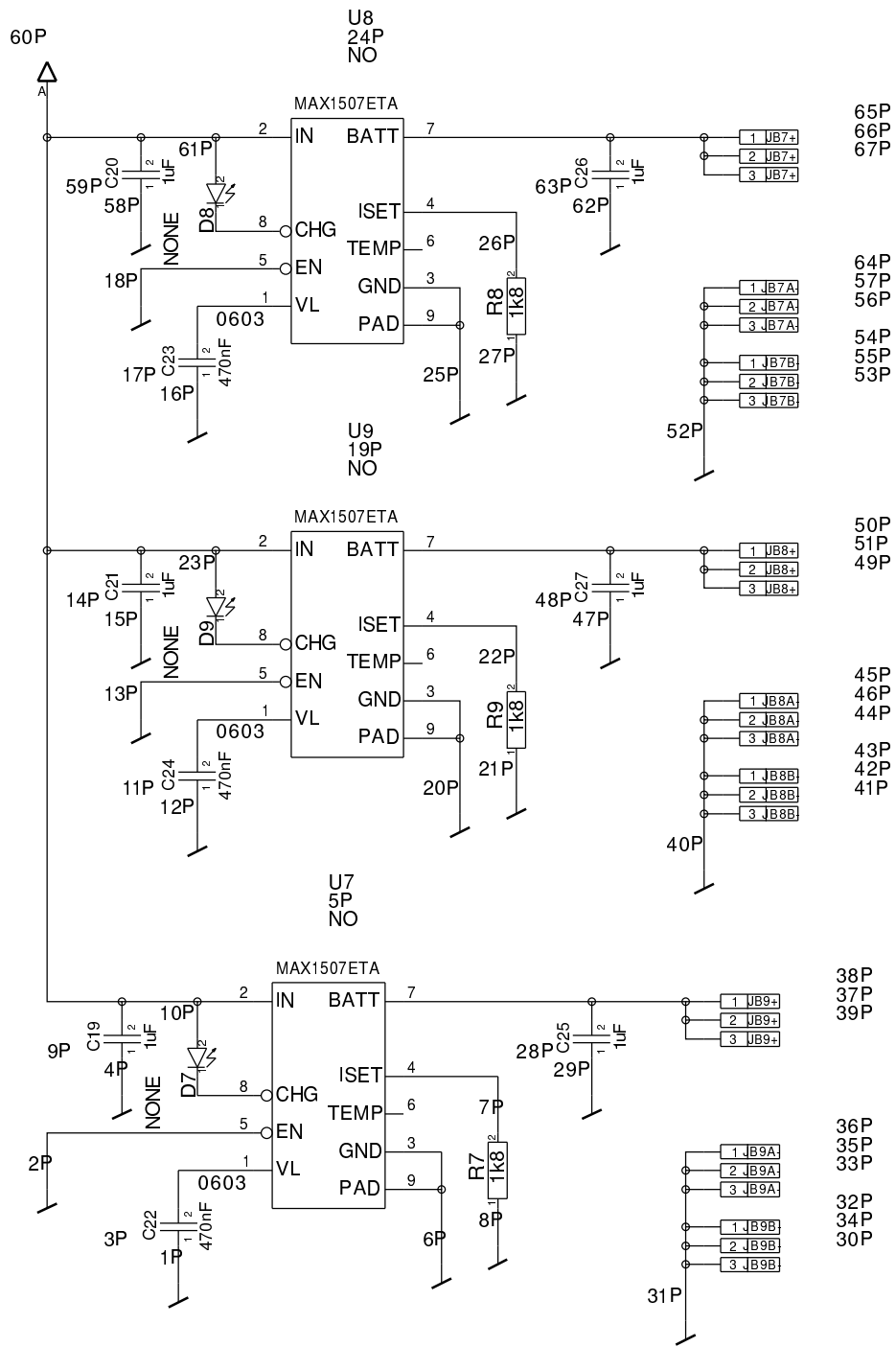
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Tue Nov 15 12:54:03 2005

ENGINEER:

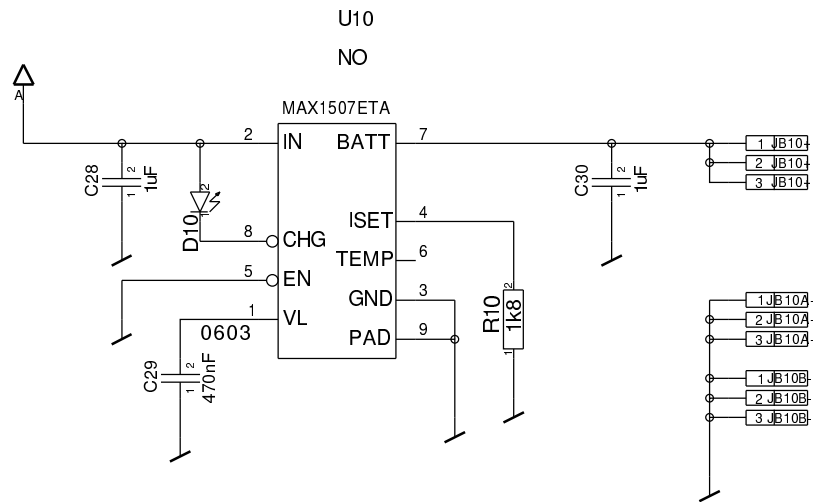
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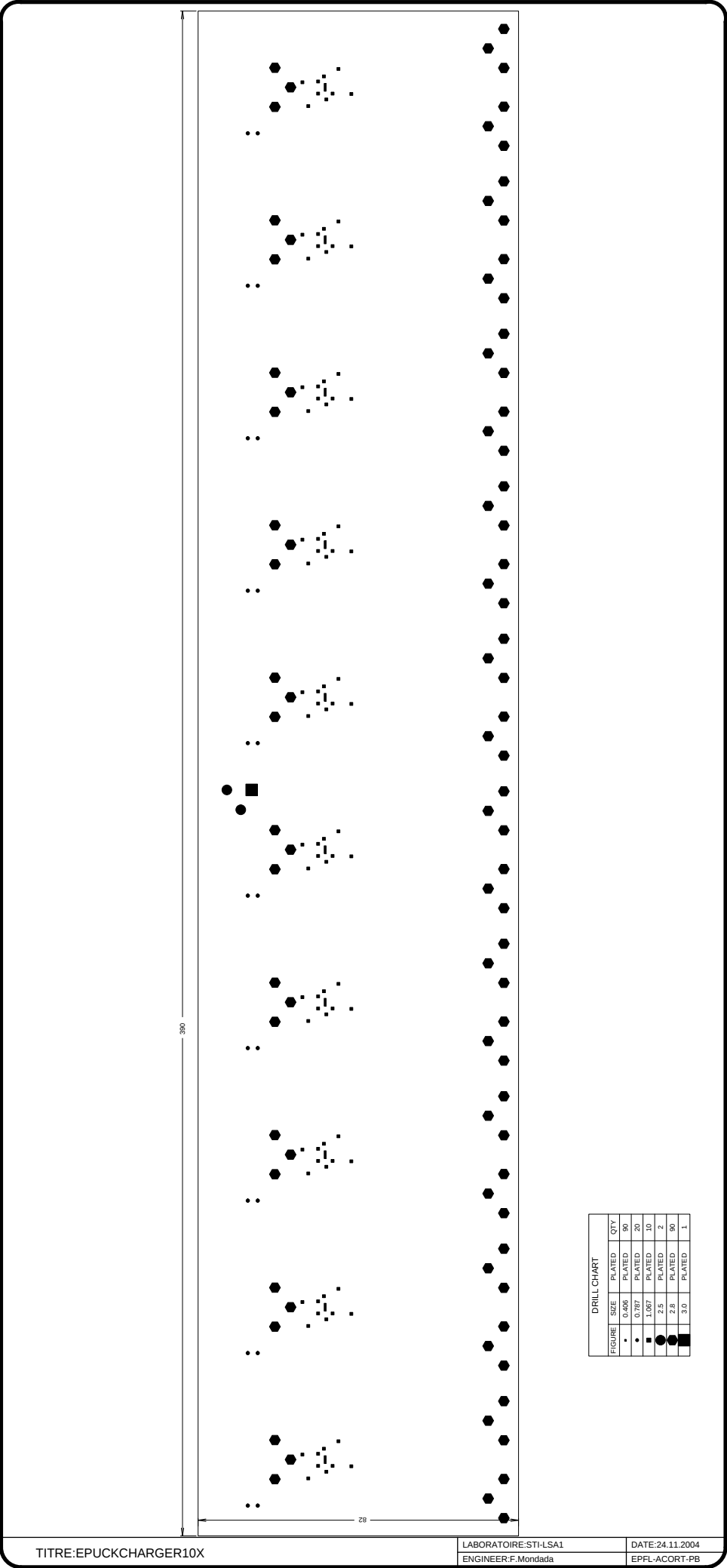
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Signal Page Ref EPUCKCHARGER10X_B

epuckcharger10x

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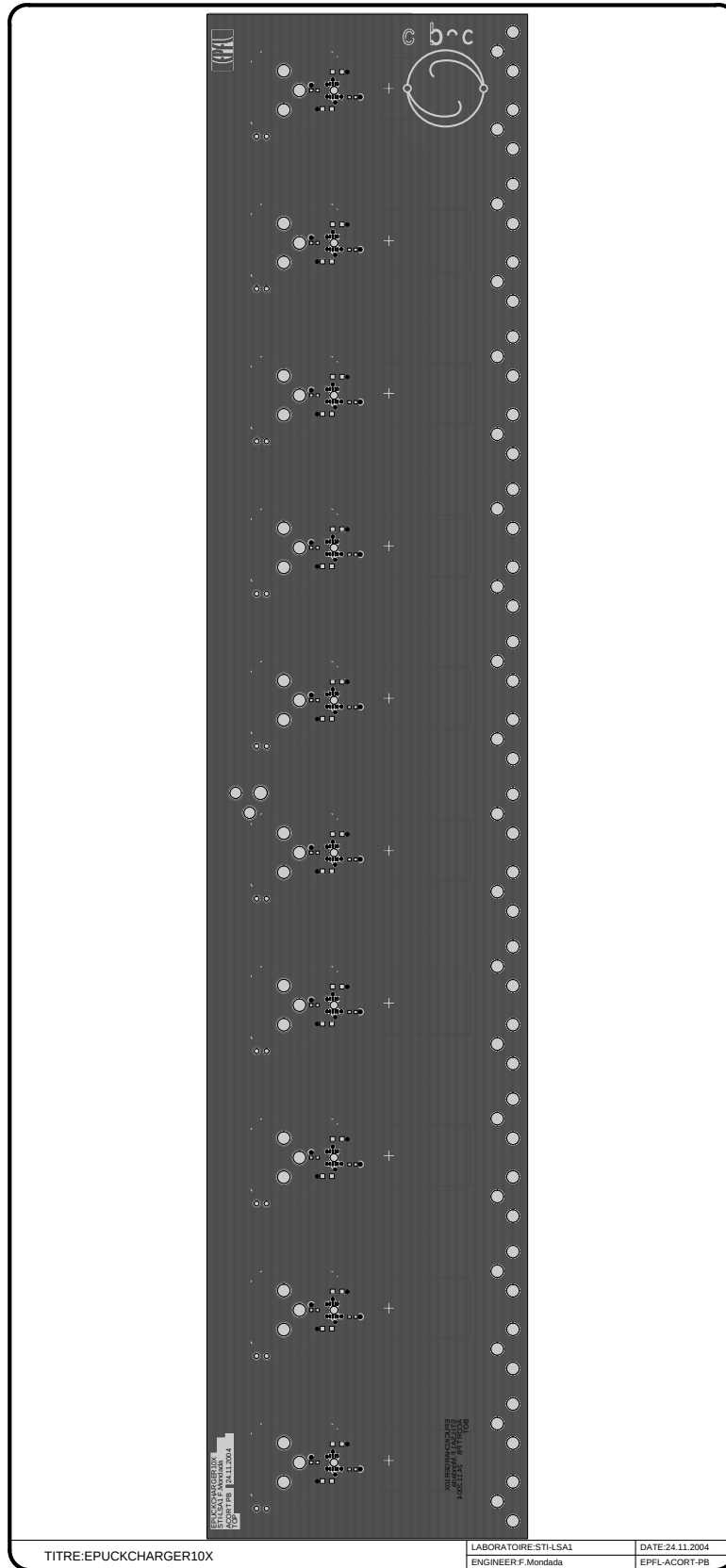


DRILL CHART			
FIGURE	SIZE	PLATED	QTY
•	0.406	PLATED	90
•	0.792	PLATED	20
•	1.067	PLATED	10
•	2.5	PLATED	2
•	2.8	PLATED	90
•	3.0	PLATED	1

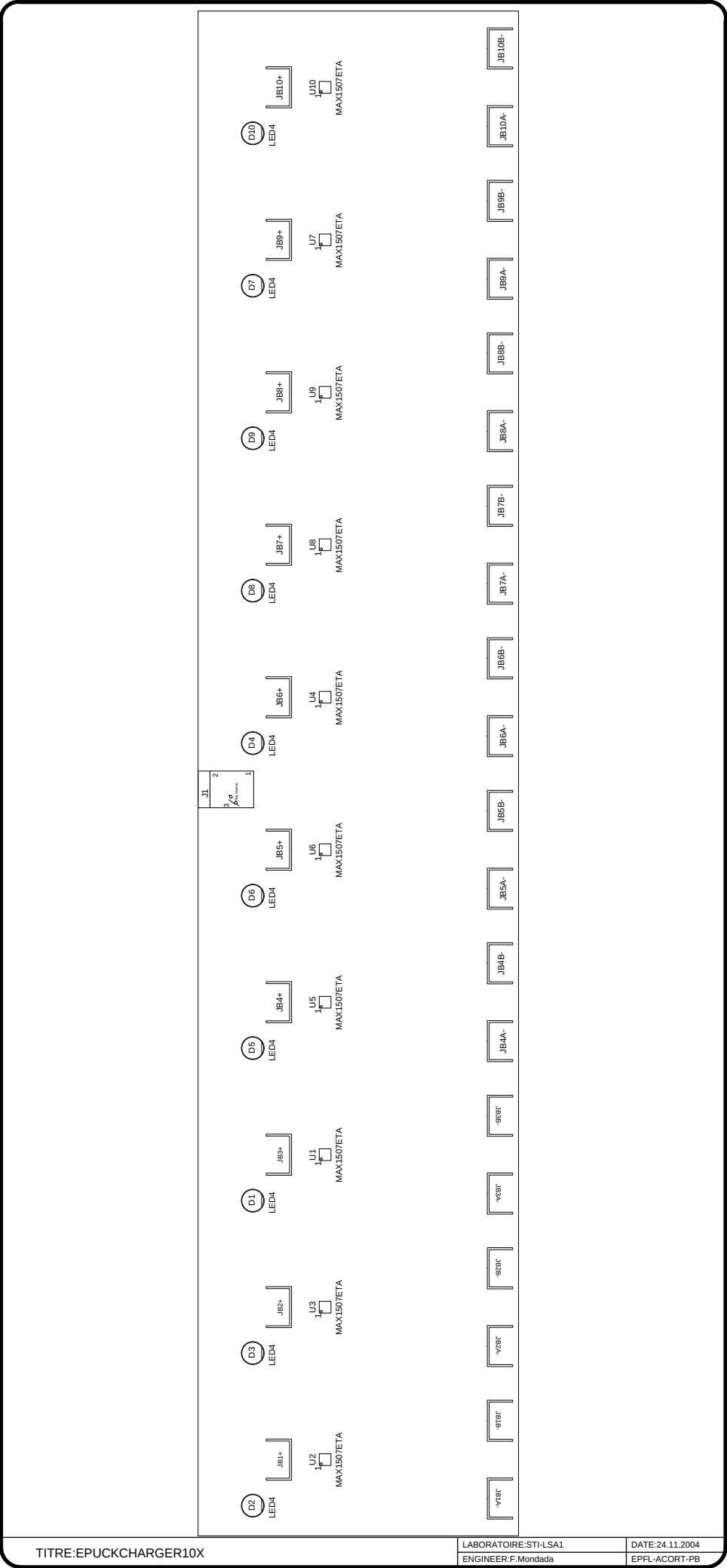
TITRE:EPUCKCHARGER10X

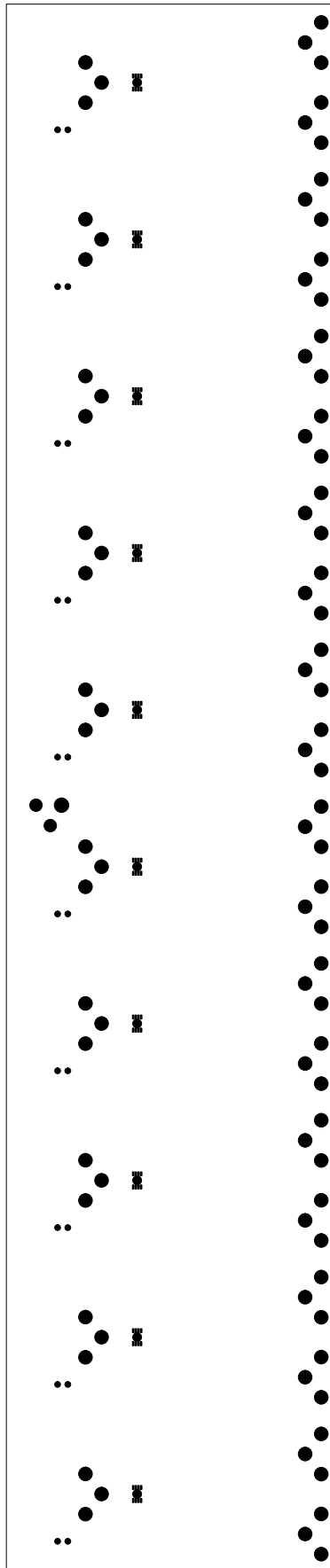
LABORATOIRE STI-LSA1
ENGINEER:F.Mondada

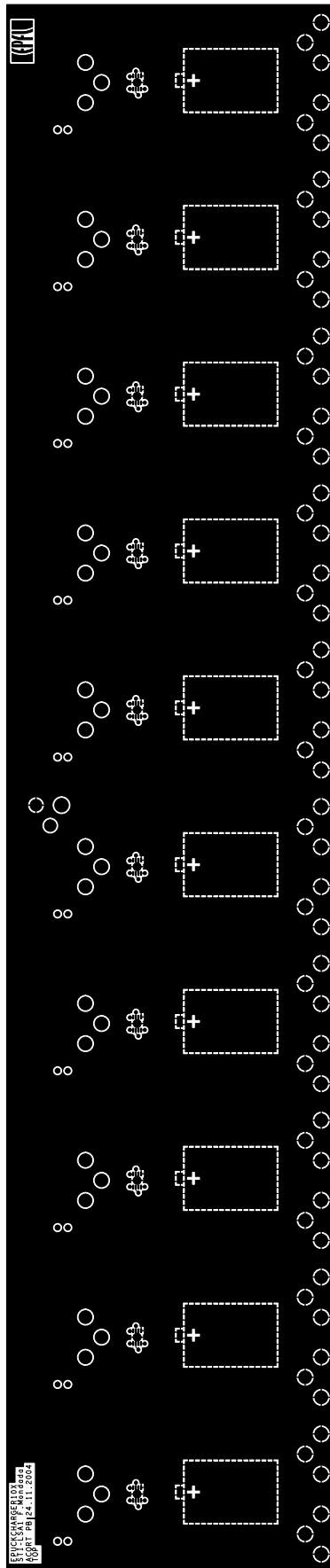
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EPFL-ACORT-PB

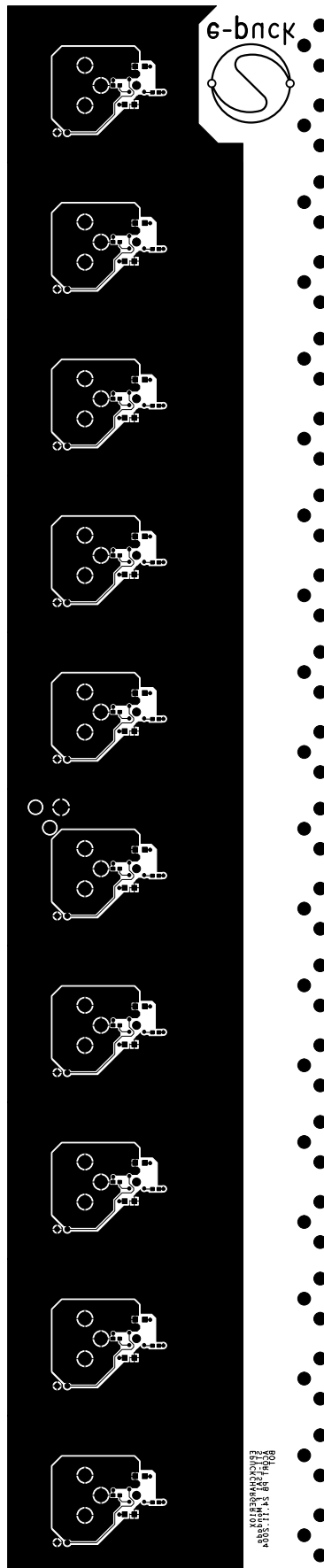


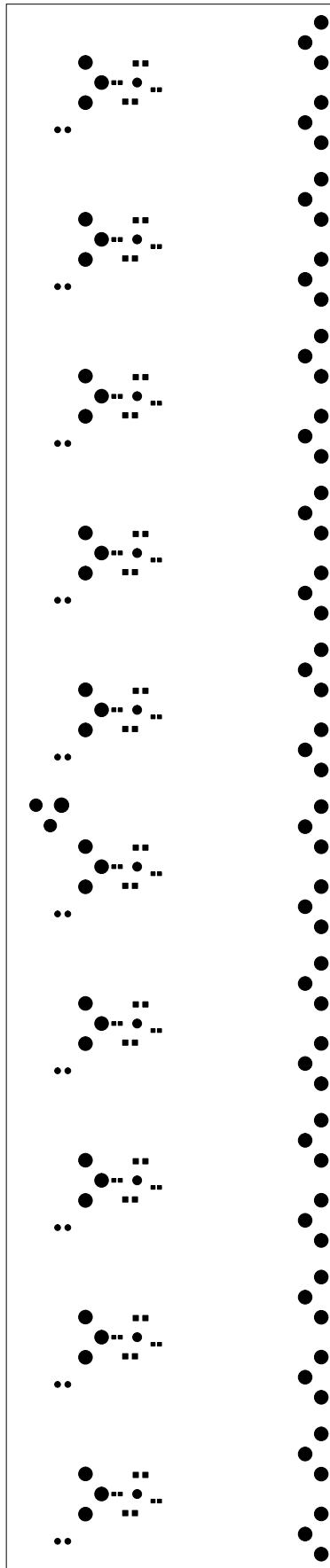
C30 1uF
 C28 1uF
 C25 1uF
 C19 1uF
 C27 1uF
 C21 1uF
 C26 1uF
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 C10 1uF
 C18 1uF
 C12 1uF
 C17 1uF
 C11 1uF
 C7 1uF
 C1 1uF
 C9 1uF
 C3 1uF
 C8 1uF
 C2 1uF
 R10 1k8
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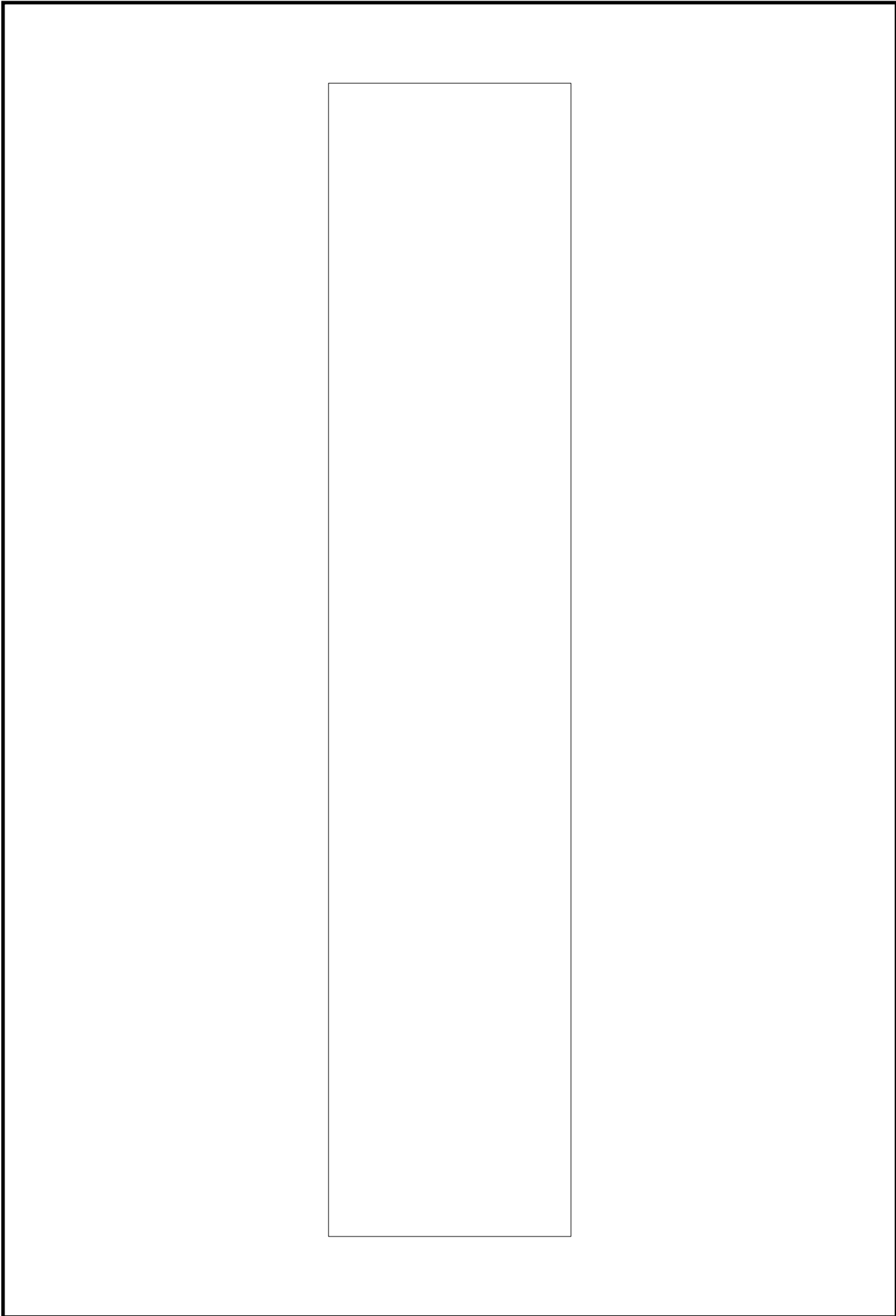












Component Report EPUCKCHARGER10X_B

epuckcharger10x_gloss

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Ref Des	Device Type	Value	Package Type	x	y	ang	Mir	Remark
C1	0805	1UF	0805	90.750	-28.750	0.000	YES	
C2	0805	1UF	0805	12.750	-28.750	0.000	YES	
C3	0805	1UF	0805	51.750	-28.750	0.000	YES	
C4	0603	470NF	0603	95.500	-25.500	0.000	YES	
C5	0603	470NF	0603	17.500	-25.500	0.000	YES	
C6	0603	470NF	0603	56.500	-25.500	0.000	YES	
C7	0805	1UF	0805	100.250	-31.350	180.000	YES	
C8	0805	1UF	0805	22.250	-31.350	180.000	YES	
C9	0805	1UF	0805	61.250	-31.350	180.000	YES	
C10	0805	1UF	0805	207.750	-28.750	0.000	YES	
C11	0805	1UF	0805	129.750	-28.750	0.000	YES	
C12	0805	1UF	0805	168.750	-28.750	0.000	YES	
C13	0603	470NF	0603	212.500	-25.500	0.000	YES	
C14	0603	470NF	0603	134.500	-25.500	0.000	YES	
C15	0603	470NF	0603	173.500	-25.500	0.000	YES	
C16	0805	1UF	0805	217.250	-31.350	180.000	YES	
C17	0805	1UF	0805	139.250	-31.350	180.000	YES	
C18	0805	1UF	0805	178.250	-31.350	180.000	YES	
C19	0805	1UF	0805	324.750	-28.750	0.000	YES	
C20	0805	1UF	0805	246.750	-28.750	0.000	YES	
C21	0805	1UF	0805	285.750	-28.750	0.000	YES	
C22	0603	470NF	0603	329.500	-25.500	0.000	YES	
C23	0603	470NF	0603	251.500	-25.500	0.000	YES	
C24	0603	470NF	0603	290.500	-25.500	0.000	YES	
C25	0805	1UF	0805	334.250	-31.350	180.000	YES	
C26	0805	1UF	0805	256.250	-31.350	180.000	YES	
C27	0805	1UF	0805	295.250	-31.350	180.000	YES	
C28	0805	1UF	0805	363.750	-28.750	0.000	YES	
C29	0603	470NF	0603	368.500	-25.500	0.000	YES	
C30	0805	1UF	0805	373.250	-31.350	180.000	YES	
D1	LED4	LED4	LED4	83.750	-12.000	90.000	NO	
D2	LED4	LED4	LED4	5.750	-12.000	90.000	NO	
D3	LED4	LED4	LED4	44.750	-12.000	90.000	NO	
D4	LED4	LED4	LED4	200.750	-12.000	90.000	NO	
D5	LED4	LED4	LED4	122.750	-12.000	90.000	NO	
D6	LED4	LED4	LED4	161.750	-12.000	90.000	NO	
D7	LED4	LED4	LED4	317.750	-12.000	90.000	NO	
D8	LED4	LED4	LED4	239.750	-12.000	90.000	NO	
D9	LED4	LED4	LED4	278.750	-12.000	90.000	NO	
D10	LED4	LED4	LED4	356.750	-12.000	90.000	NO	
J1	CO3		JACK3	188.800	-7.900	0.000	NO	
JB1+	BATCONT3		BATCONT3	17.500	-21.660	0.000	NO	
JB10+	BATCONT3		BATCONT3	368.500	-21.660	0.000	NO	
JB10A-	BATCONT3		BATCONT3	358.550	-72.250	180.000	NO	
JB10B-	BATCONT3		BATCONT3	378.450	-72.250	180.000	NO	
JB1A-	BATCONT3		BATCONT3	7.550	-72.250	180.000	NO	
JB1B-	BATCONT3		BATCONT3	27.450	-72.250	180.000	NO	
JB2+	BATCONT3		BATCONT3	56.500	-21.660	0.000	NO	
JB2A-	BATCONT3		BATCONT3	46.550	-72.250	180.000	NO	
JB2B-	BATCONT3		BATCONT3	66.450	-72.250	180.000	NO	
JB3+	BATCONT3		BATCONT3	95.500	-21.660	0.000	NO	
JB3A-	BATCONT3		BATCONT3	85.550	-72.250	180.000	NO	
JB3B-	BATCONT3		BATCONT3	105.450	-72.250	180.000	NO	
JB4+	BATCONT3		BATCONT3	134.500	-21.660	0.000	NO	
JB4A-	BATCONT3		BATCONT3	124.550	-72.250	180.000	NO	
JB4B-	BATCONT3		BATCONT3	144.450	-72.250	180.000	NO	
JB5+	BATCONT3		BATCONT3	173.500	-21.660	0.000	NO	
JB5A-	BATCONT3		BATCONT3	163.550	-72.250	180.000	NO	

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Ref Des	Device Type	Value	Package Type	x	y	ang	Mir	Remark
JB5B-	BATCONT3		BATCONT3	183.450	-72.250	180.000	NO	
JB6+	BATCONT3		BATCONT3	212.500	-21.660	0.000	NO	
JB6A-	BATCONT3		BATCONT3	202.550	-72.250	180.000	NO	
JB6B-	BATCONT3		BATCONT3	222.450	-72.250	180.000	NO	
JB7+	BATCONT3		BATCONT3	251.500	-21.660	0.000	NO	
JB7A-	BATCONT3		BATCONT3	241.550	-72.250	180.000	NO	
JB7B-	BATCONT3		BATCONT3	261.450	-72.250	180.000	NO	
JB8+	BATCONT3		BATCONT3	290.500	-21.660	0.000	NO	
JB8A-	BATCONT3		BATCONT3	280.550	-72.250	180.000	NO	
JB8B-	BATCONT3		BATCONT3	300.450	-72.250	180.000	NO	
JB9+	BATCONT3		BATCONT3	329.500	-21.660	0.000	NO	
JB9A-	BATCONT3		BATCONT3	319.550	-72.250	180.000	NO	
JB9B-	BATCONT3		BATCONT3	339.450	-72.250	180.000	NO	
R1	R	1K8	0603	93.750	-35.250	180.000	YES	
R2	R	1K8	0603	15.750	-35.250	180.000	YES	
R3	R	1K8	0603	54.750	-35.250	180.000	YES	
R4	R	1K8	0603	210.750	-35.250	180.000	YES	
R5	R	1K8	0603	132.750	-35.250	180.000	YES	
R6	R	1K8	0603	171.750	-35.250	180.000	YES	
R7	R	1K8	0603	327.750	-35.250	180.000	YES	
R8	R	1K8	0603	249.750	-35.250	180.000	YES	
R9	R	1K8	0603	288.750	-35.250	180.000	YES	
R10	R	1K8	0603	366.750	-35.250	180.000	YES	
U1	MAX1507ETA		TDFN3X3_8	95.500	-30.500	0.000	NO	
U2	MAX1507ETA		TDFN3X3_8	17.500	-30.500	0.000	NO	
U3	MAX1507ETA		TDFN3X3_8	56.500	-30.500	0.000	NO	
U4	MAX1507ETA		TDFN3X3_8	212.500	-30.500	0.000	NO	
U5	MAX1507ETA		TDFN3X3_8	134.500	-30.500	0.000	NO	
U6	MAX1507ETA		TDFN3X3_8	173.500	-30.500	0.000	NO	
U7	MAX1507ETA		TDFN3X3_8	329.500	-30.500	0.000	NO	
U8	MAX1507ETA		TDFN3X3_8	251.500	-30.500	0.000	NO	
U9	MAX1507ETA		TDFN3X3_8	290.500	-30.500	0.000	NO	
U10	MAX1507ETA		TDFN3X3_8	368.500	-30.500	0.000	NO	

Total Component count 91

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Device	Package	Value	Nb	Reference Designators					Remark
0603-470NF	0603	470NF	10	C4 C15	C5 C22	C6 C23	C13 C24	C14 C29	
0805-1UF	0805	1UF	20	C1 C9 C17 C25	C2 C10 C18 C26	C3 C11 C19 C27	C7 C12 C20 C28	C8 C16 C21 C30	
BATCONT3	BATCONT3		30	JB1+ JB1B- JB3A- JB5+ JB6B- JB8A-	JB10+ JB2+ JB3B- JB5A- JB7+ JB8B-	JB10A- JB2A- JB4+ JB5B- JB7A- JB9+	JB10B- JB2B- JB4A- JB6+ JB7B- JB9A-	JB1A- JB3+ JB4B- JB6A- JB8+ JB9B-	
CO3-DC10A	JACK3		1	J1					
LED4	LED4	LED4	10	D1 D6	D2 D7	D3 D8	D4 D9	D5 D10	
MAX1507ETA	TDFN3X3_8		10	U1 U6	U2 U7	U3 U8	U4 U9	U5 U10	
R-19A-1K8	0603	1K8	10	R1 R6	R2 R7	R3 R8	R4 R9	R5 R10	

Total Component count 91

NC Pins Report EPUCKCHARGER10X_B

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Ref Des	Device	Nb	Not Connected Pins	Remark
J1	CO3-DC10A	1	3	
U1	MAX1507ETA	1	6	
U2	MAX1507ETA	1	6	
U3	MAX1507ETA	1	6	
U4	MAX1507ETA	1	6	
U5	MAX1507ETA	1	6	
U6	MAX1507ETA	1	6	
U7	MAX1507ETA	1	6	
U8	MAX1507ETA	1	6	
U9	MAX1507ETA	1	6	
U10	MAX1507ETA	1	6	

Total count 11

Power Pins Report EPUCKCHARGER10X_B

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Ref Des	Device	Name	Power Pins												Remark
D1	LED4	VCCA	2												
D2	LED4	VCCA	2												
D3	LED4	VCCA	2												
D4	LED4	VCCA	2												
D5	LED4	VCCA	2												
D6	LED4	VCCA	2												
D7	LED4	VCCA	2												
D8	LED4	VCCA	2												
D9	LED4	VCCA	2												
D10	LED4	VCCA	2												
J1	CO3-DC10A	GND	2												
		VCCA	1												
JB10A-	BATCONT3	GND	1	2	3	1	2	3	1	2	3	1			
			2	3											
JB2A-	BATCONT3	GND	1	2	3	1	2	3							
JB3A-	BATCONT3	GND	1	2	3	1	2	3							
JB4A-	BATCONT3	GND	1	2	3	1	2	3							
JB5A-	BATCONT3	GND	1	2	3	1	2	3							
JB6A-	BATCONT3	GND	1	2	3	1	2	3							
JB7A-	BATCONT3	GND	1	2	3	1	2	3							
JB8A-	BATCONT3	GND	1	2	3	1	2	3							
JB9A-	BATCONT3	GND	1	2	3	1	2	3							
U1	MAX1507ETA	GND	3	5	9										
		VCCA	2												
U2	MAX1507ETA	GND	3	5	9										
		VCCA	2												
U3	MAX1507ETA	GND	3	5	9										
		VCCA	2												
U4	MAX1507ETA	GND	3	5	9										
		VCCA	2												
U5	MAX1507ETA	GND	3	5	9										
		VCCA	2												
U6	MAX1507ETA	GND	3	5	9										
		VCCA	2												
U7	MAX1507ETA	GND	3	5	9										
		VCCA	2												
U8	MAX1507ETA	GND	3	5	9										
		VCCA	2												
U9	MAX1507ETA	GND	3	5	9										
		VCCA	2												
U10	MAX1507ETA	GND	3	5	9										
		VCCA	2												

Total count 30

Single Node Nets Report EPUCKCHARGER10X_B

epuckcharger10x_gloss

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Netname	Node	Device	Remark
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Total Nets count 0