

Title: TK530 Kraftbakplan

Size: A3

Revision: 2

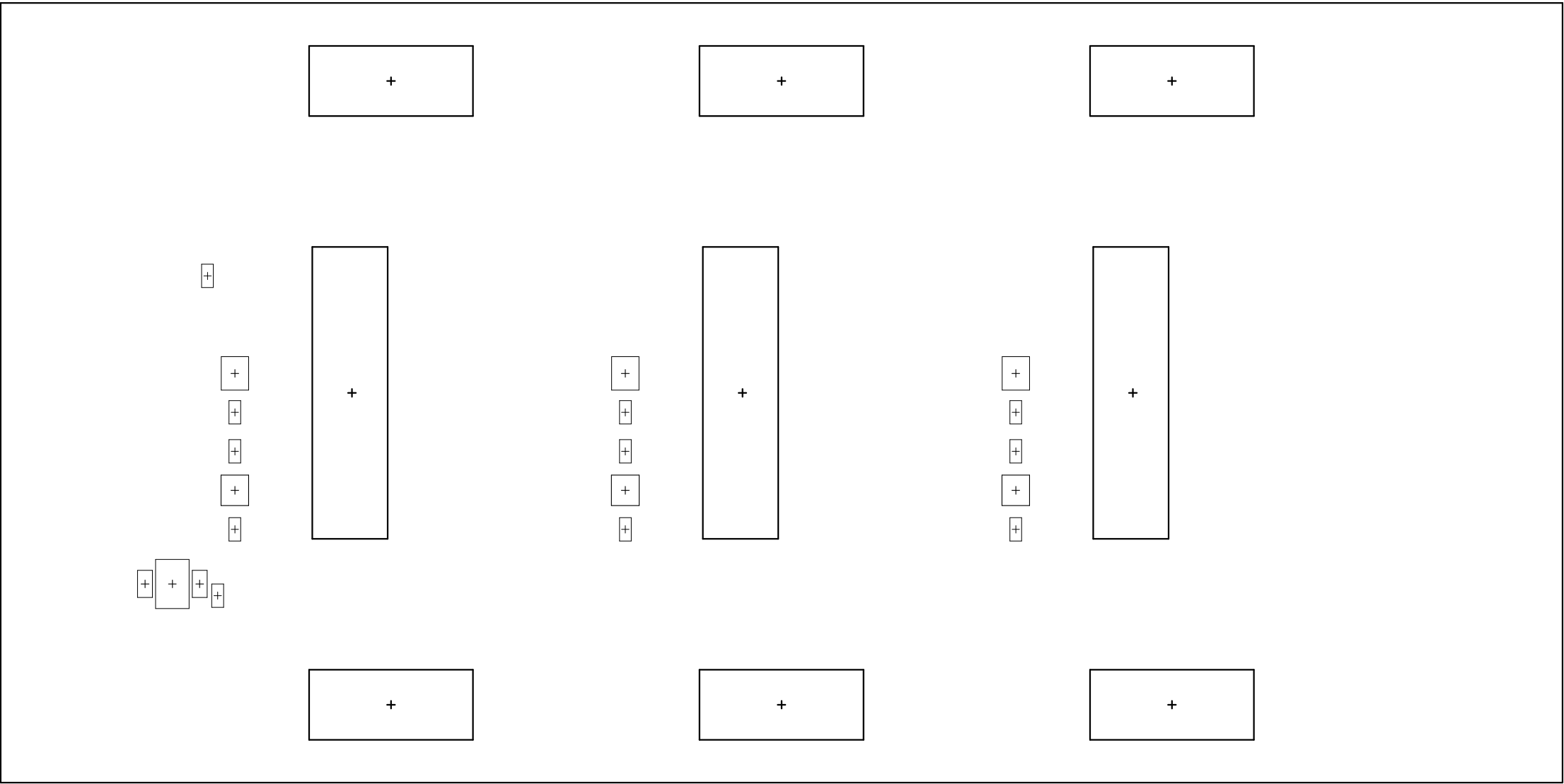
Author: Oystein Smith

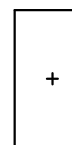
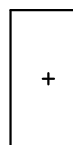
Date: 28.04.2016

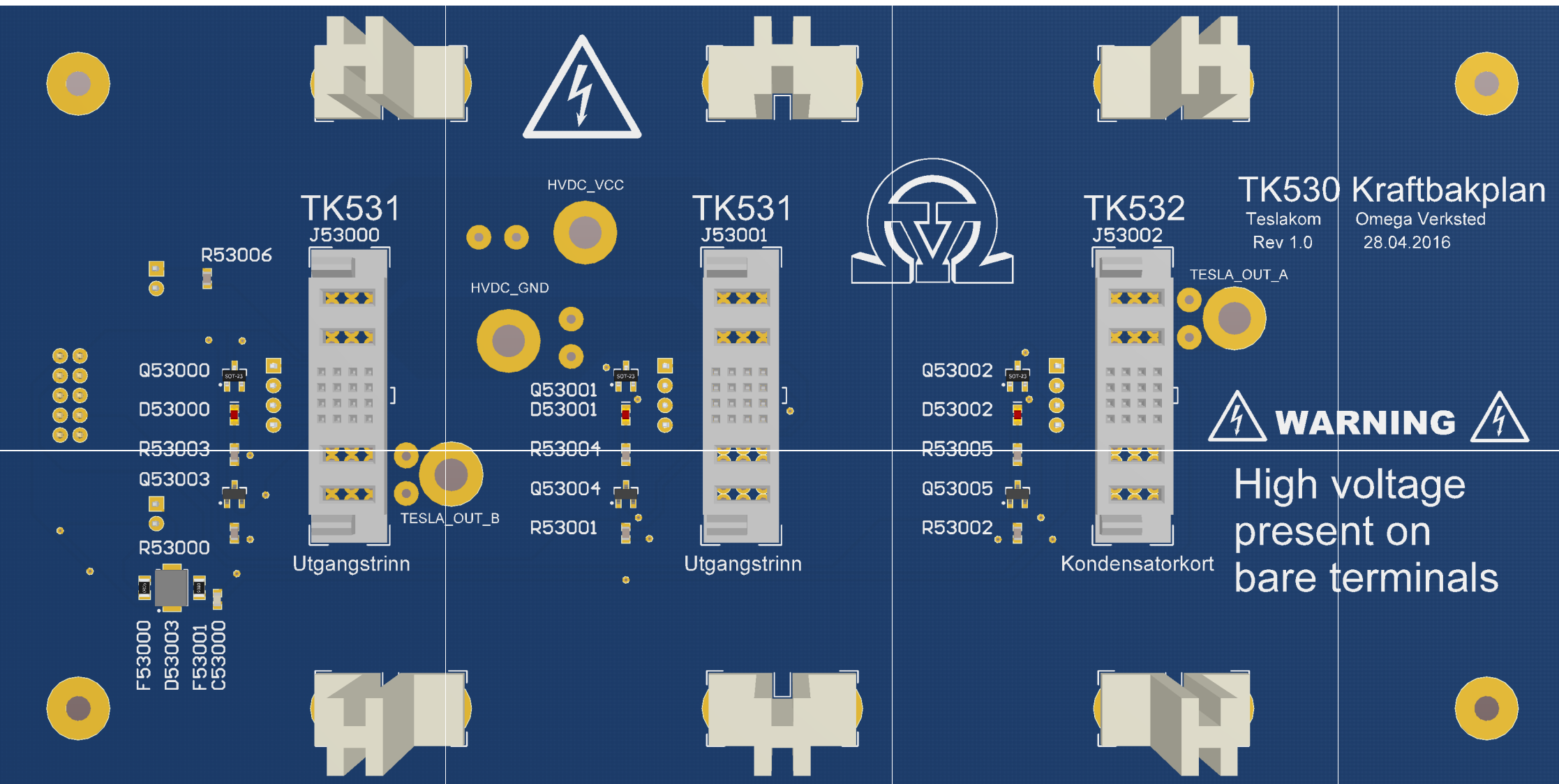
Sheet 17 of 20

Omega Verksted

File: D:\Temp\Tesla-Driver\05\_Hardware\TK500\_Driver\TK530\_Kraftbakplan\TK530\_Kraftbakplan.SchDoc







# TK530 Kraftbakplan

Teslakom Omega Verksted  
Rev 1.0 28.04.2016



TESLA\_OUT\_A

CAP\_CARD  
J53005

GDT\_A  
J53004

HVDC\_VCC

HVDC\_GND

GDT\_B  
J53003

J53008

KI\_BUS

Front panel  
J53007

J53006

VCC\_P5V0

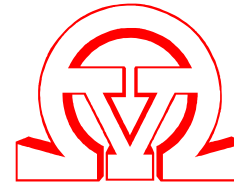
TESLA\_OUT\_B



**WARNING**



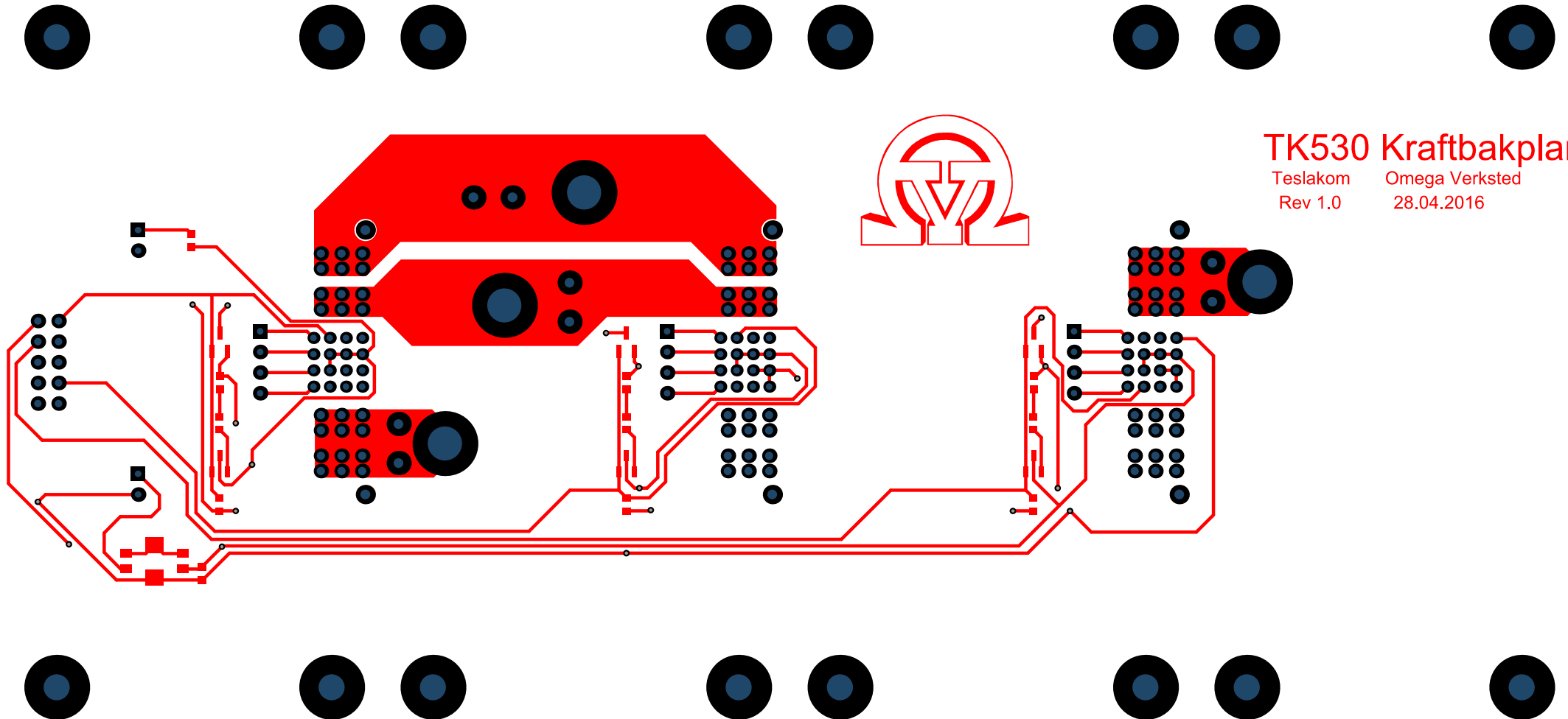
High voltage  
present on  
bare terminals



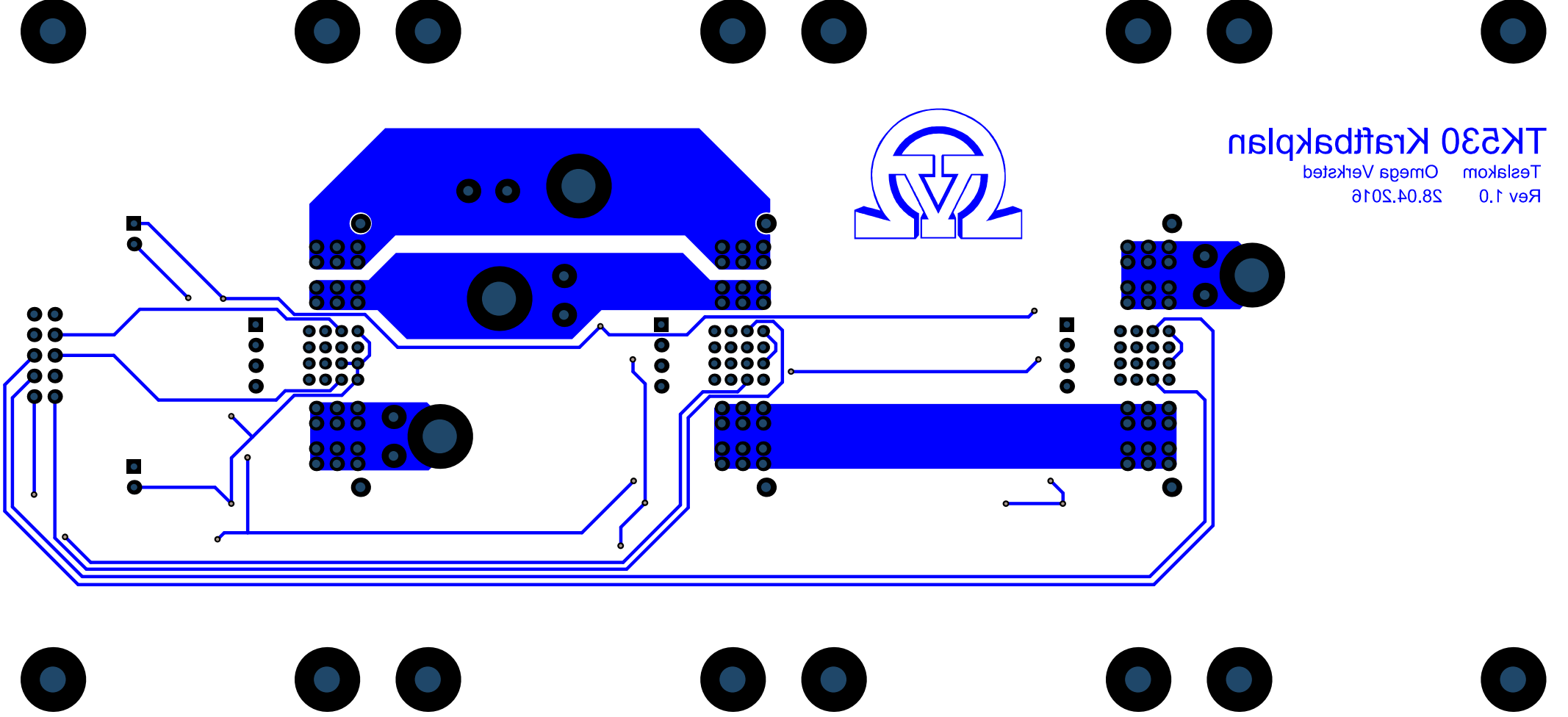
# TK530 Kraftbakplan

Teslakom  
Rev 1.0

Omega Verksted  
28.04.2016



TK230 Kraftpaklan  
Testskom Omega Verksted  
Rev 1.0 28.04.2016





LibRef	Designator	Design comment
47R	R53003	
47R	R53004	
47R	R53005	
100k	R53000	
100k	R53001	
100k	R53002	
2225	J53003	
2225	J53004	
2225	J53005	
2227	J53008	
2384	R53006	
2394	J53000	
3028	C53000	
3606	F53000	
3606	F53001	
3612	D53003	
Header Shrouded 2X5P	J53007	
IRLML6402	Q53003	
IRLML6402	Q53004	
IRLML6402	Q53005	
JST 2pin	J53006	
KortStøtte	M53000	
KortStøtte	M53001	
KortStøtte	M53002	
KortStøtte	M53003	
KortStøtte	M53004	
KortStøtte	M53005	
MPSC-02-16-02-7.70-03-L-V-LC	J53001	
MPSC-02-16-02-7.70-03-L-V-LC	J53002	
SMD LED Red	D53000	
SMD LED Red	D53001	
SMD LED Red	D53002	
TSM2314	Q53000	
TSM2314	Q53001	
TSM2314	Q53002	