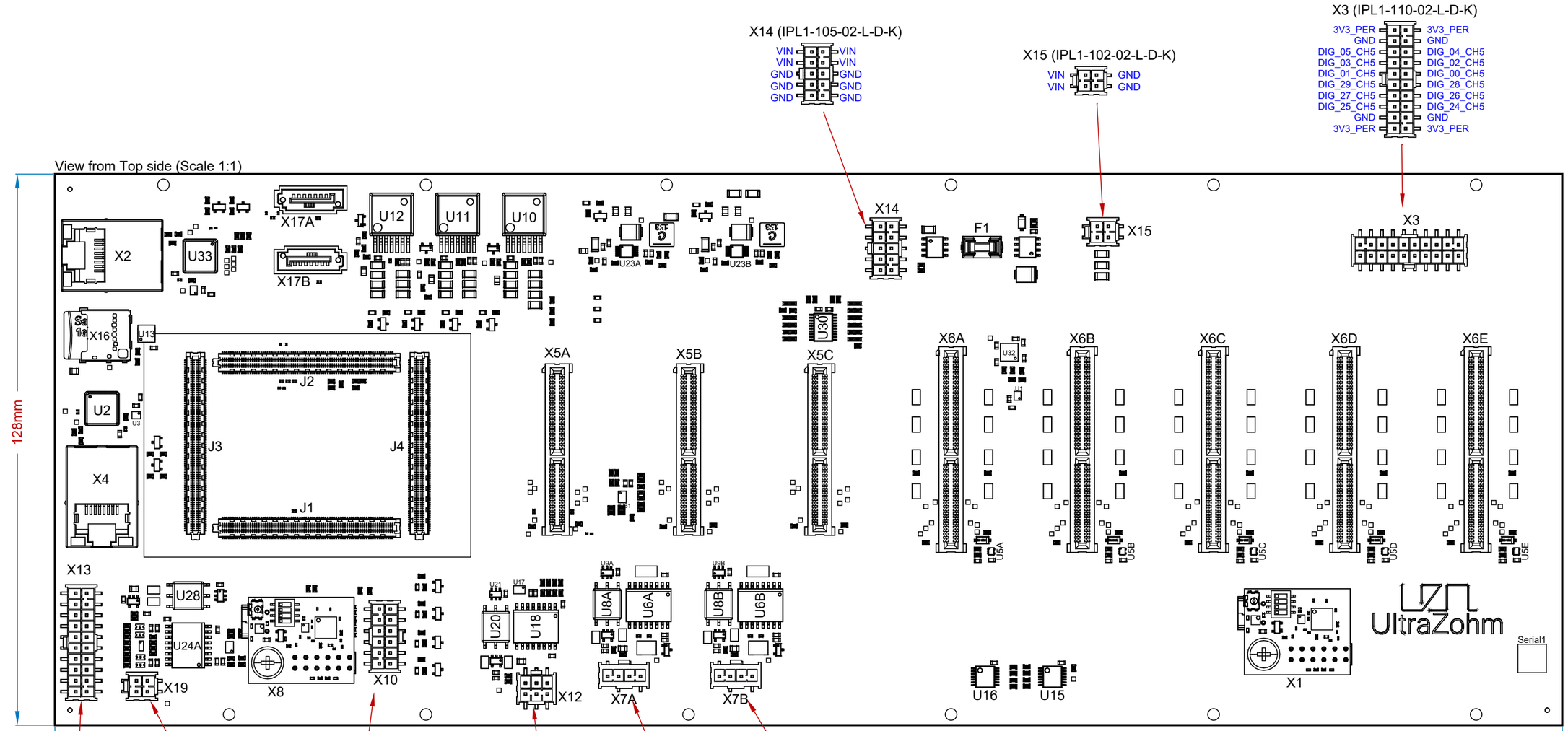


PROJECT NAME
UltraZohm Carrier Board

REVISION 04

ENGINEER Andreas Geiger

Technische Hochschule Nürnberg Georg Simon Ohm
Wassertorstr. 10
90489 Nürnberg
GERMANY

SCALE: 1:1

DATE 27.04.2021

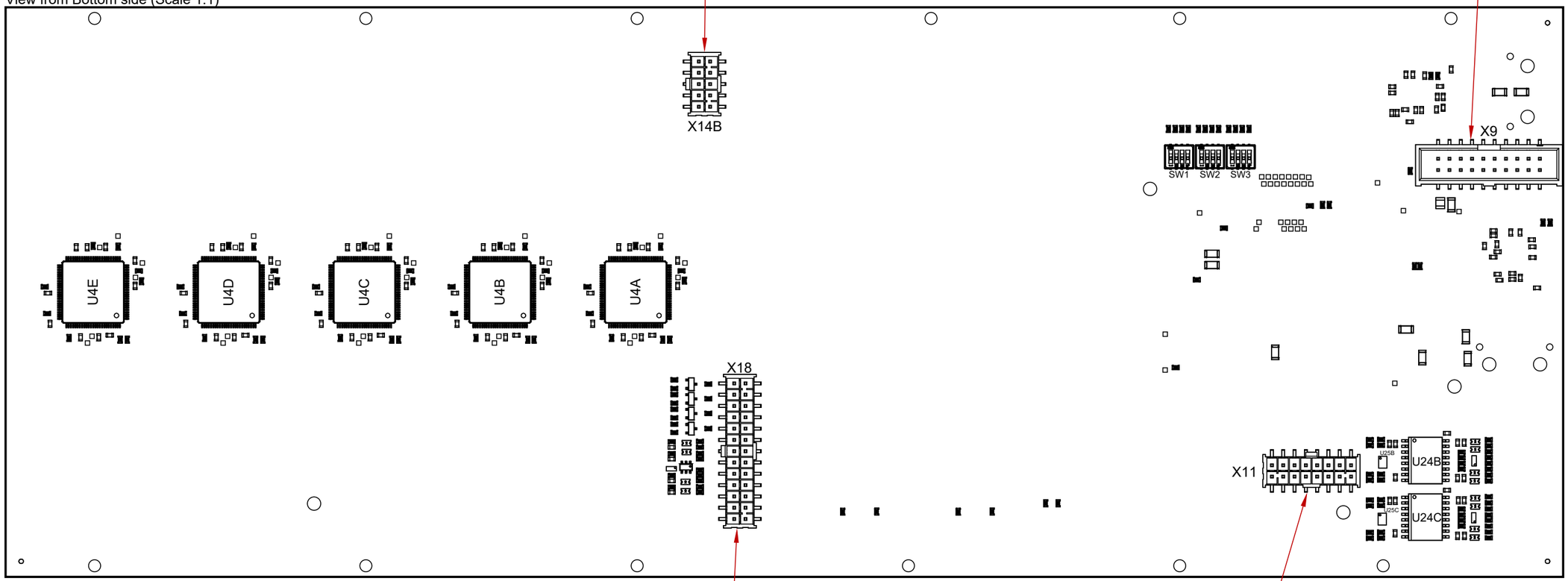
X14B (IPL1-105-02-L-D-K)

VIN	VIN
VIN	VIN
GND	GND
GND	GND
GND	GND

X9 (HTST-110-01-F-DV)

1V8_PER	n.c.
n.c.	GND
PJTAG0_TDI	GND
PJTAG0_TMS	GND
PJTAG0_TCK	GND
n.c.	GND
PJTAG0_TDO	n.c.
SRST_B_0R	n.c.
n.c.	GND
n.c.	GND

View from Bottom side (Scale 1:1)



X18 (IPL1-113-02-L-D-K)

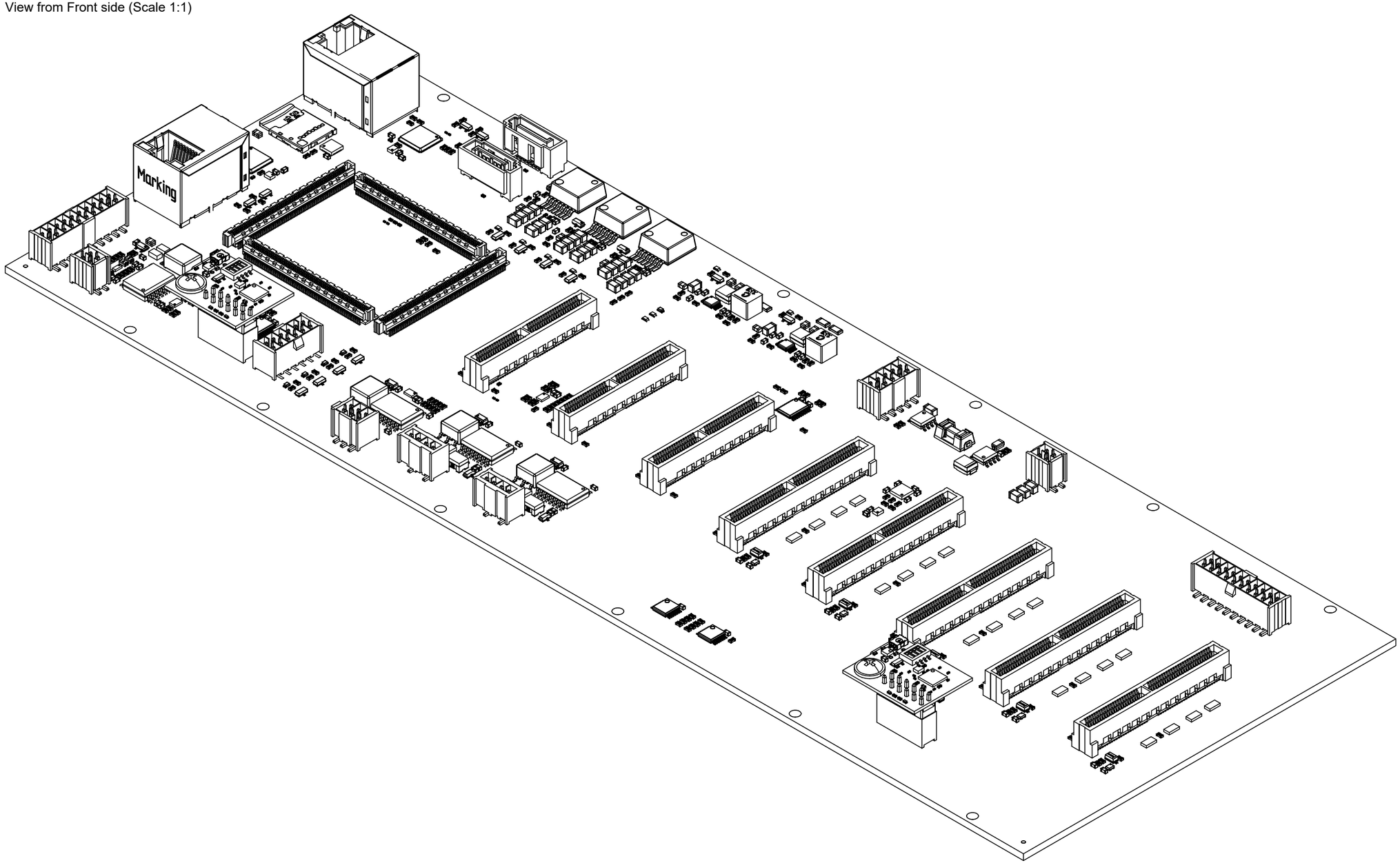
FrontPanel_LED1	3V3_PER
FrontPanel_LED2	3V3_PER
FrontPanel_LED3	3V3_PER
FrontPanel_LED4	3V3_PER
GND	GND
FrontPanel_switch5	1V8_PER
FrontPanel_switch6	1V8_PER
FrontPanel_switch7	1V8_PER
FrontPanel_switch8	1V8_PER
GND	GND
GND	GND
VIN	VIN
VIN	VIN

X11 (IPL1-108-02-L-D-K)

isoGPIO01	isoGPIO07
isoGPIO02	isoGPIO08
isoGPIO03	isoGPIO09
isoGPIO04	isoGPIO10
isoGPIO05	isoGPIO11
isoGPIO06	isoGPIO12
1V8_PER	1V8_PER
GND	GND

PROJECT NAME UltraZohm Carrier Board	Technische Hochschule Nürnberg Georg Simon Ohm Wassertorstr. 10 90489 Nürnberg GERMANY		
REVISION 04			
ENGINEER Andreas Geiger	SCALE: 1:1	DATE 27.04.2021	SHEET 2 OF 4

View from Front side (Scale 1:1)



PROJECT NAME
UltraZohm Carrier Board

REVISION 04

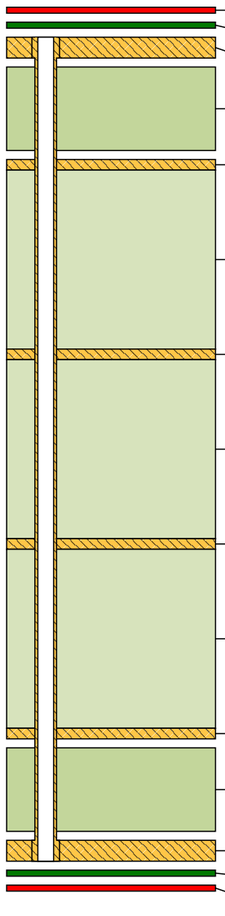
ENGINEER Andreas Geiger

Technische Hochschule Nürnberg Georg Simon Ohm
Wassertorstr. 10
90489 Nürnberg
GERMANY

SCALE: 1:1

DATE 27.04.2021

Layer Stack Legend



Material	Layer	Thickness	Dielectric Material	Type	Gerber
	Top Overlay			Legend	GTO
Surface Material	Top Solder	0.010mm	Solder Resist	Solder Mask	GTS
Copper	Top Layer	0.035mm		Signal	GTL
Prepreg		*0.140mm*	*FR-4*	*Dielectric*	
Copper	L02_GND	0.018mm		Signal	G1
Core		*0.300mm*	*FR-4*	*Dielectric*	
Copper	L03_Sig	0.018mm		Signal	G2
Core		*1.000mm*	*FR-4*	*Dielectric*	
Copper	L04_Sig	0.018mm		Signal	G3
Core		*0.300mm*	*FR-4*	*Dielectric*	
Copper	L05_VCC	0.018mm		Signal	G4
Prepreg		*0.140mm*	*FR-4*	*Dielectric*	
Copper	Bottom Layer	0.035mm		Signal	GBL
Surface Material	Bottom Solder	0.010mm	Solder Resist	Solder Mask	GBS
	Bottom Overlay			Legend	GBO

Total thickness: 2.041mm

Drill Table

Symbol	Count	Hole Size	Plated	Hole Tolerance
△	1723	0.200mm	Plated	None
▣	876	0.300mm	Plated	None
☆	20	0.890mm	Plated	None
□	24	1.000mm	Plated	None
✧	8	1.020mm	Plated	None
◇	16	1.270mm	Non-Plated	None
✡	4	1.350mm	Plated	None
✣	4	1.630mm	Plated	None
✡	12	2.900mm	Plated	None
○	4	3.200mm	Plated	None
⊠	4	3.200mm	Non-Plated	None
	2695 Total			

PROJECT NAME
UltraZohm Carrier Board

REVISION 04

ENGINEER Andreas Geiger

Technische Hochschule Nürnberg Georg Simon Ohm
Wassertorstr. 10
90489 Nürnberg
GERMANY

SCALE: 1:1

DATE 27.04.2021