



Date:	04.06.2022	Sheet	of
File:	C:\AD19\..\\GEN_4xPHASE_1.01.SchDoc	Drawn By:	

Comment	Description	Designator	Footprint	LibRef	Quantity
106	1206 10nF 100 V B±	C1, C9, C10, C14, C16	CAPC3216X94N	12061C103KAT4A	9
104	1206 10nF 100 V B±	C2, C13, C15, C17, C18	CAPC3216X94N	12061C103KAT4A	9
220uF/10V	Capacitor	C3	Cap0810	CAP0810Alu	1
12	1206 10nF 100 V B±	C11, C12	CAPC3216X94N	12061C103KAT4A	2
SS14	Schottky Diode	D2	DO-214AC	DS_DO-214	1
282837-4	TERMI-BLOK PCB MO	KEY1a, KEY1b, KEY2a	TE_282837-4	282837-4	8
220uH	Power Inductor	L1, L2	INDP5858X480N	SDR0604-221KL	2
103	Res 1206 3,2 x 1,6 SM	R6, R7, R8, R9, R10, R14	RESC3216X71N	RC1206JR-07470RL	8
OR	Switch Tactile NO SPST	SW1	SWITCH_1241.1607.2	1241.1607.23	1
DOWN	Switch Tactile NO SPST	SW2	SWITCH_1241.1607.2	1241.1607.23	1
Save	Switch Tactile NO SPST	SW3	SWITCH_1241.1607.2	1241.1607.23	1
UP	Switch Tactile NO SPST	SW4	SWITCH_1241.1607.2	1241.1607.23	1
LEFT	Switch Tactile NO SPST	SW5	SWITCH_1241.1607.2	1241.1607.23	1
OK	Switch Tactile NO SPST	SW6	SWITCH_1241.1607.2	1241.1607.23	1
RIGHT	Switch Tactile NO SPST	U1	LOFP100-0.5-13.8X1	MCU-STM32F407VET	1
STM32F407VET6	STM32 Series 32-bit 5V	U2	SOT229P700X180-4N	AMS1117-3.3	1
AMS1117-3.3		U5, U6, U7, U8	SOIC127P600X175-8M	TC4420EOA	4
TC4420	TC4420 Series 6 A 18V	X1	USBB-G	USBB-G	1
USBB-G	USBB-G	X2	PLD-4-2	PLD2-4	1
SWICHPOWER	Header, 2-Pin, Dual row	X3	PLD-20-2	PLD2-20	1
PLD2-20	Header, 10-Pin, Dual row	X5	PLD-4-2	PLD2-4	1
SWICHSWD	Header, 2-Pin, Dual row	Z1	XTAL1170X500X450	FOXSDLF/080-20	1
8 MHz	Crystal 8MHz? 30ppm				