

Voltage Generated	Description	To power Buck Converter	To power everything else	Total Power (mW)	Note: Current is in mA unless otherwise specified
	Voltage (V)	5	3.3		Note: Voltage is in V unless otherwise specified
Devices	Voltage generated by	USB C Connector	Buck Converter		Note: Power is in mW unless otherwise specified
STM32H745ZI			498		
JOY STICK (67A-DF-3C-060C)			3		
OLED Display (3647-26295-ND)			8		
Buck Converter (LM2596)		0			
Total Current Consumption (mA)		0	509		
Total Power Consumption (mW)		0	1679.7	1679.7	