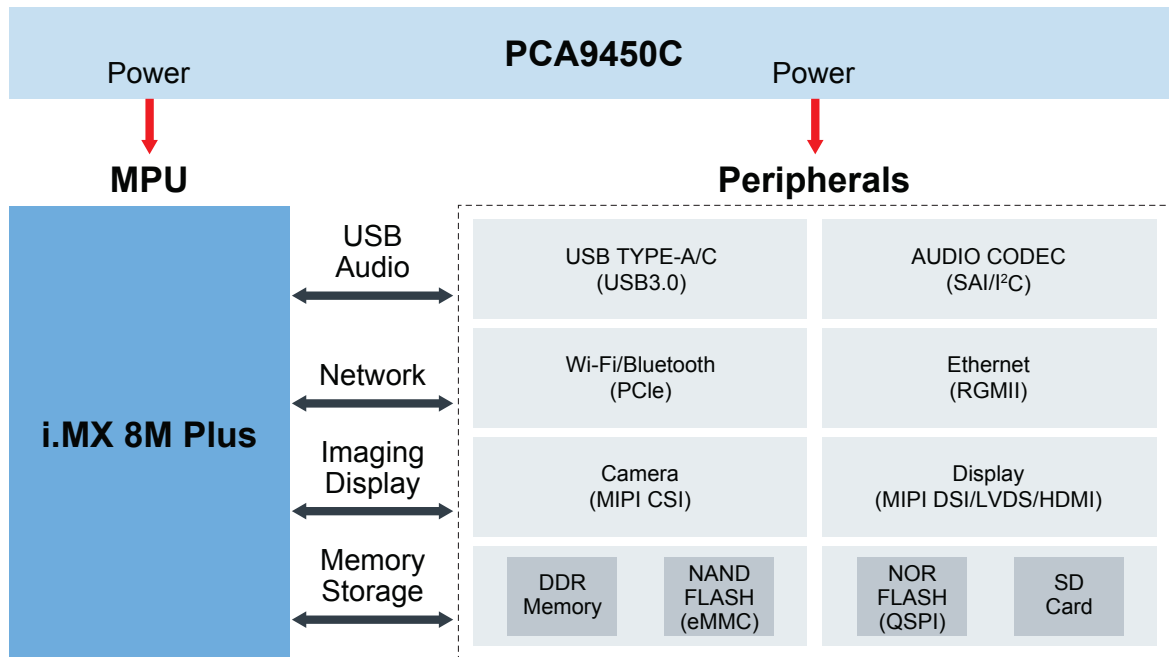


PMIC PCA9450C FOR i.MX 8M PLUS

PCA9450C is the power management IC (PMIC) designed to support i.MX 8M Plus processor. Required Buck/LDO voltage and startup sequence have been fixed for i.MX 8M Plus. Power supply can support peripherals as well as i.MX 8M Plus.

We recommend PCA9450C when using i.MX 8M Plus for design simplification of power supply.



POWER SUPPLY FOR i.MX 8M PLUS AND PERIPHERALS

MPU PERIPHERALS	POWER 5 V						
	PCA9450C					EXTERNAL POWER SUPPLY	
	0.85 V/6A	1.1 V/2A	1.8 V/2A	3.3 V/3A	LOAD SW	3.3 V	5 V
i.MX 8M Plus	✓	✓	✓	✓			
DDR Memory		✓	✓				
NOR Flash			✓				
NAND Flash			✓	✓			
Wi-Fi/Bluetooth			✓	✓			
SD Card					✓		
Camera			✓			✓	✓
Display			✓			✓	✓
Audio Codec				✓			✓
Ethernet			✓	✓			
USB Type-A/C				✓			✓

✓ Power supply from PCA9450C ✓ External Power supply (Not PCA9450C)

i.MX 8M PLUS PROCESSOR POWER TREE

