IC selection

Producer	Series	Name	Main core	Real time core	Thermal design power, W	Power consumption, W	Cost, ~$	Supplemental info
NXP	i.MX 8M Nano		A53	M7				
	i.MX 6 SoloX	MCIMX6X4EVM10AB	A9	M4				
	i.MX 6 DualLite	MCIMX6S8DVM10AB	A9	A9				Asynchronous multiprocessing
	I.MX 7 Solo	MCIMX7S3DVMDBA	A7	M4				
TI	am3359		A8 (old shit)	PRU (proprietary shit underpowered shit)	~2W	<1A x 5V	12-16	In development in present moment
STM	stm32mp157a		A7x2	M4			~10$ declared	Sanctions