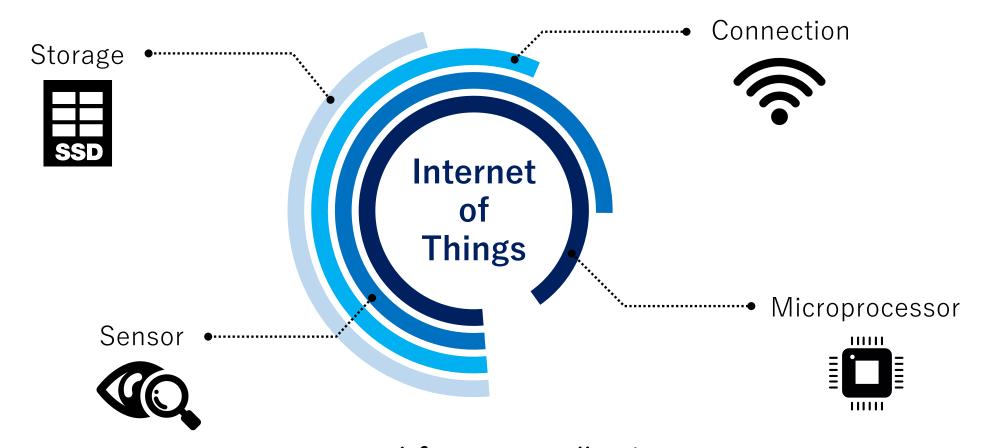


# Our Future with Being Connected

IoT & Automotive with Flash Memory

K.S. Pua, CEO Phison Electronics Corp

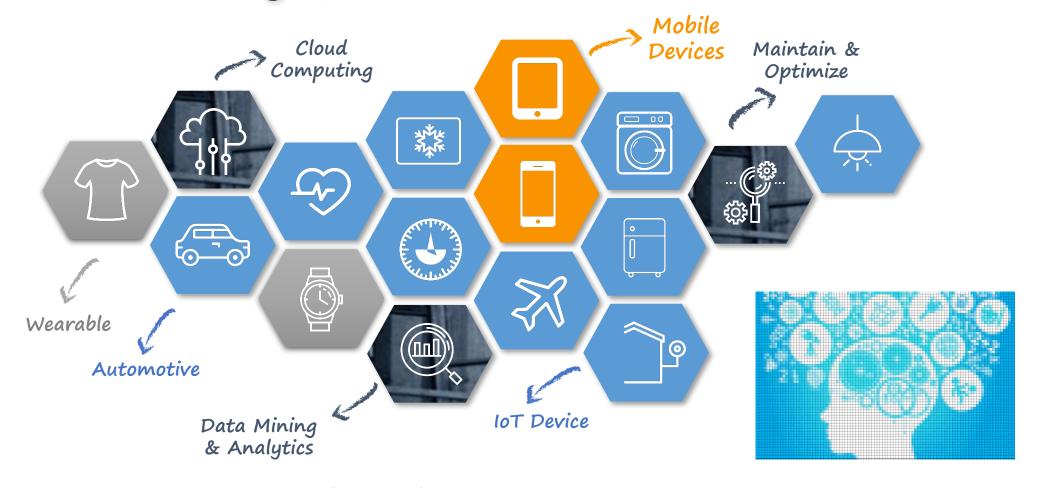
## Making of IoT



Connected for Data Collection



## Internet of Things Overview



Big Data Storage paves way for Artificial Intelligence & Deep learning



Internet of Things Overview

## Not all IoT works!

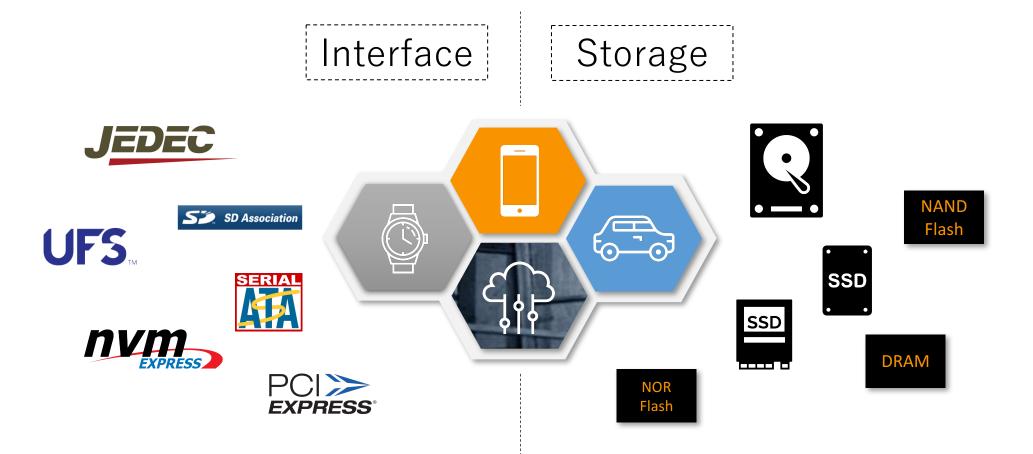
# fitbit JAWBONE



In reality, IoT should make our lives more convenient and productive.

Automotive will be the most demanded IoT application.

### Different Interfaces of Flash Storage for IoT





#### UFS "The" Next Storage Device in Cars









Instrument Cluster

Advanced Driver Assistant System (ADAS)

Infotainment

By 2025, On-board storage > 1TB (by Daimler AG Mercedez-Benz @ 2017 Flash Memory Summit)

High Density Storage Transition from eMMC → UFS

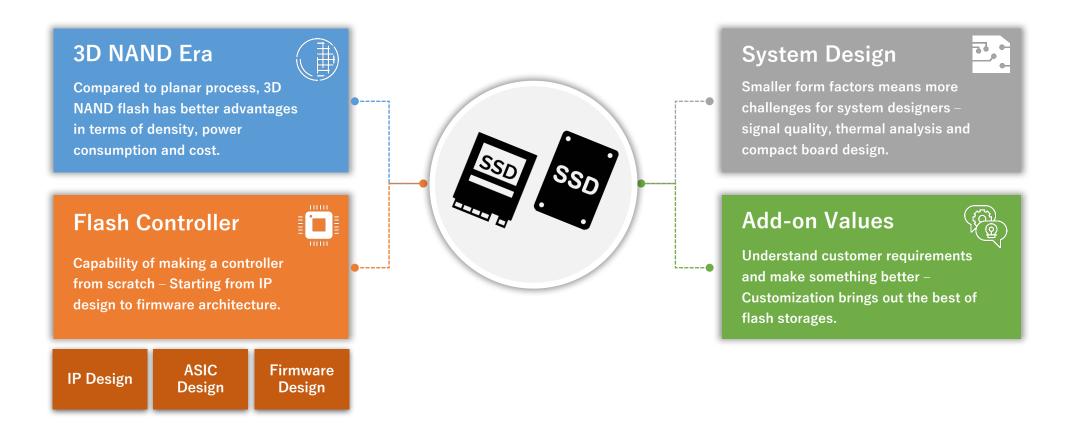


In the next 3 years...

- UFS 3.0 with
- UniPro 1.8x
- MIPI M-PHY 4.x
- 3D TLC



#### Breakdowns of Flash Storage Solutions





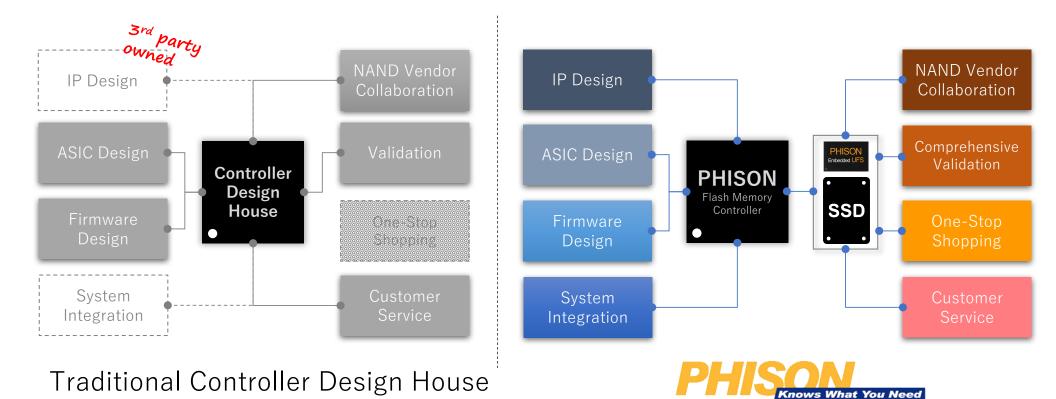
#### Who We Are & What We Do

We design flash memory controller.





#### What Makes Phison Different from Competitors



Phison in-house high speed IPs are well-proven with our final solutions in market



Beyond mobile....

MIPI Alliance collaboration enables high speed interfaces & technology for the next generation



