



Company history

Founded in 2013 by five ex-TI engineers from the OMAP group

Team has grown to 40+

Clients include semiconductor vendors and consumer electronics OEMs

Customers in over a dozen countries across three continents



Who we are

Highly skilled engineers with minimum 10 years experience

Senior & Principal engineers with 20+ years

Recruit exclusively out of semiconductor industry

Thought leaders in the Linux ecosystem



What we do

Engineering services focused on Linux, Android & embedded software

Contribute to open source projects and maintain code

Strong focus developing software for semiconductor & consumer products

Market segments across Consumer, Industrial & Automotive

- Smartwatch, wearables, smartphone, IVI, IoT, set-top boxes, robotics, industrial control



Current projects



AmLogic

BayLibre is contracted by AmLogic as the Linux kernel upstreaming team for **all new SoCs**

We serve as system architects, aid in pre-silicon development, upstream new drivers, **maintain** the platform in Linux, U-boot other FOSS projects

Many OEMs select AmLogic specifically because of its impressive support using a mainline Linux kernel

We also **mentor** AmLogic engineers on how to contribute upstream, with the goal of passing maintainership to them some day



Mediatek

BayLibre is partnered with Gossamer Engineering as the **Smart Speaker IDH** for Mediatek US (MT8516, MT8176S)

Despite our product focus, BayLibre is in the process of supporting this platform upstream in the Linux kernel

Better upstream support leads to more **design-wins** and increased adoption from savvy OEMs

BayLibre engineers all aspects of the product software

- Voice assistant integration
- Client OTA update & cloud backend
- Security model & key management
- Factory image flashing & device provisioning
- Client application porting / integration
- Test strategy & implementation



Texas Instruments

TI already has a dedicated open source team, focused on their next generation chips

That team does not support older, long-tail chips cursed with ancient BSPs

TI contracts BayLibre to modernize the BSPs for these long-tail parts and merge support for them upstream (Linux, U-boot, Yocto)

TI recognizes that doing so drastically reduces support costs. BayLibre also co-maintains the Davinci platform in Linux alongside TI



Initiatives



kernelCI.org

kCI is a free community service focused on testing and improving LTS kernel releases.

The Linux Foundation will launch a project to grow and govern kCI in winter 2018

BayLibre is a founding member and currently maintains the largest hardware lab used for testing Linux kernel builds

kCI has been adopted by [Automotive Grade Linux](#) (AGL)



Open source efforts

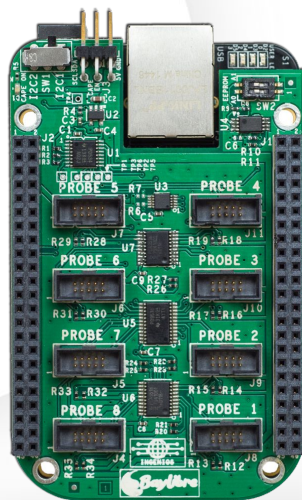
Contributed STM32L4 port to [Zephyr](#)

Top 20 contributor to recent Linux releases

Leads the Continuous Integration & Test group within [Automotive Grade Linux](#) (AGL)

[ACME](#), our open hardware tool for measuring power and test automation

Many, many presentations delivered at a wide variety of conferences



How can BayLibre help you?

hello@baylibre.com

