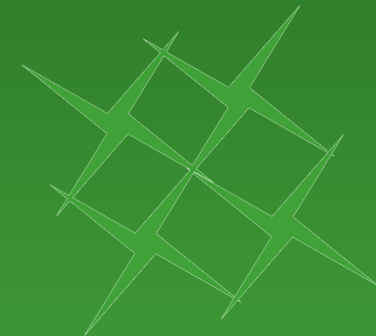




# Introduction: GreenArrays Status and Current Projects

Greg Bailey  
SVFIG Forth Day  
16 November 2019



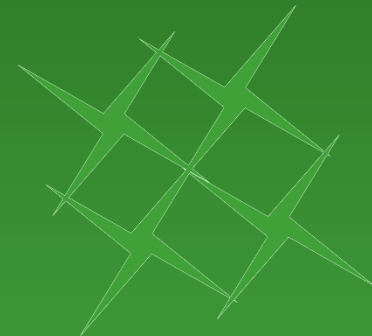
# Today's Topics

- Status and High Points – Greg (15)
- Can you speak USBish? – Daniel Kalny (60)
  - With the aim to plug a USB keyboard into GreenArrays' evaluation board we have implemented a simple USB host in GA144 chip. We'll show the overall HW and SW design, key parts of code, and demonstrate functionality of the keyboard controller with Chuck Moore's etherForth display and a new etherForth editor.
- GA Activities since Forth Day 2018 – Greg (45)



# GreenArrays Status

- Solvent, no debt after '18 Capital Contribution
- Disappointing service by The Mosis™ Service delays our ability to produce new chip.
- Create POLYSANCE to teach Chuck's methods.
- Ongoing work on GLOW CAD system, EVB002, arrayForth 3
- GPS receiver under construction.



# POLYSANCE

## **POLYSANCE¶ a Wyoming Non-Profit Corporation¶**

### **ARTICLE 1 -- NAME¶**

The name of the corporation shall be Polysance ("Corporation"). The business of the Corporation shall be conducted under the name Polysance or any registered trade name.¶

### **ARTICLE 2 -- PURPOSES AND POWERS¶**

The Corporation is a non-profit corporation and shall be operated exclusively for educational and charitable purposes within the meaning of Section 501(c)(3) of the Internal Revenue Code of 1986, as amended (the "Code") or the corresponding section of any future federal tax code.¶

The Corporation's purpose is to facilitate vocational training and education in the area of electronic computing, including programming and integrated circuit design, using the methods and approach to problem definition, analysis and solution demonstrated by Charles H. Moore. These methods include the programming methodology named Forth, and the silicon design tools and computers produced by Mr. Moore and his colleagues between the 1980s and the present time. The approach is heavily cross-disciplinary and is driven by first principles. Such education shall be provided initially by contracting the services of Mr. Moore and his colleagues, including both individuals and companies such as FORTH, Inc. and GreenArrays, Inc., who are skilled in use of these methods and approaches and available to teach. In the longer term, it is expected that the Corporation will develop its own cadre and capability to carry on this work.¶



Thank You!

For more information, please visit

<http://www.greenarraychips.com>

