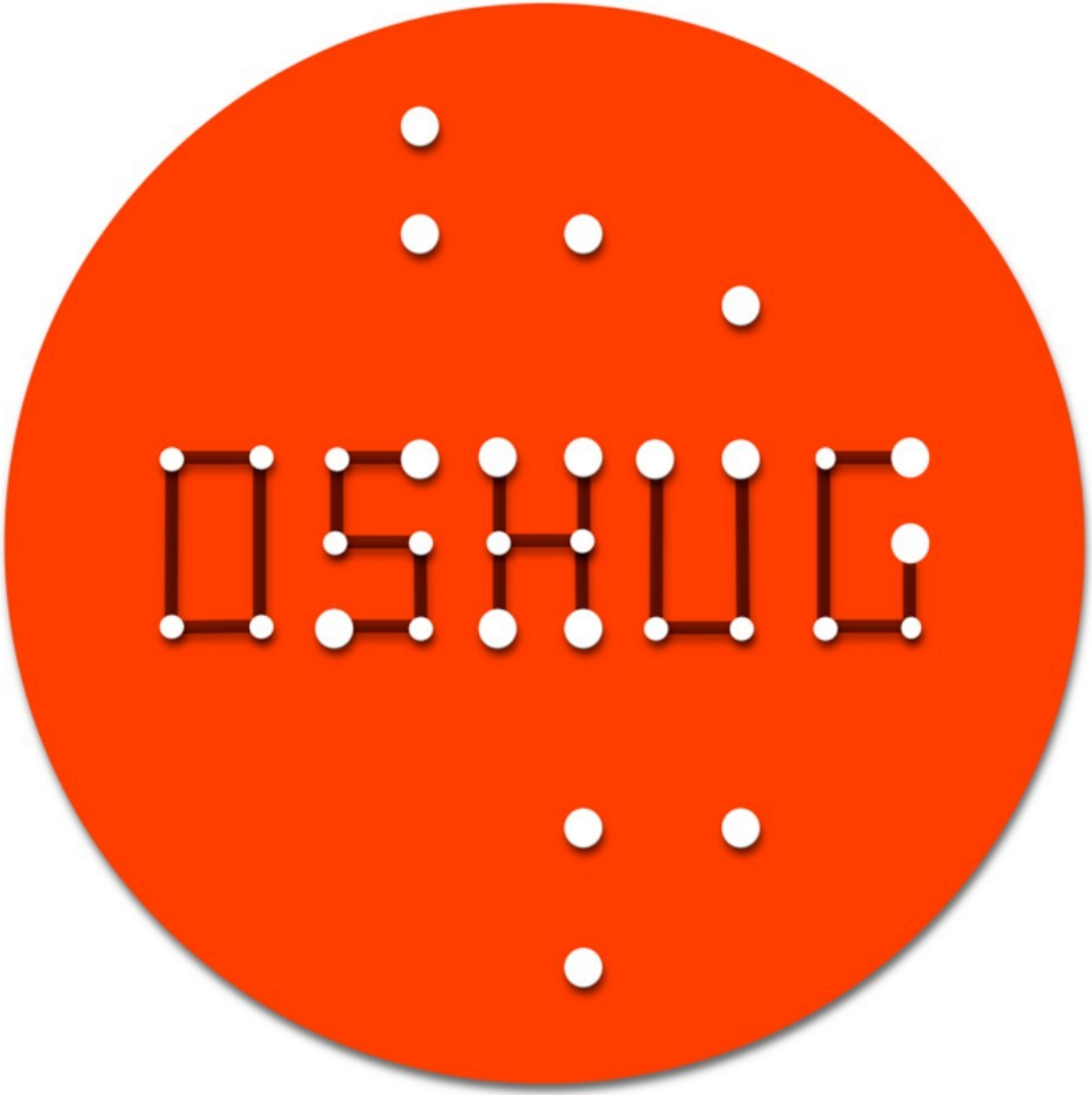
A place to share, discover and collaborate on electronic projects

http://solderpad.com



http://oshug.org

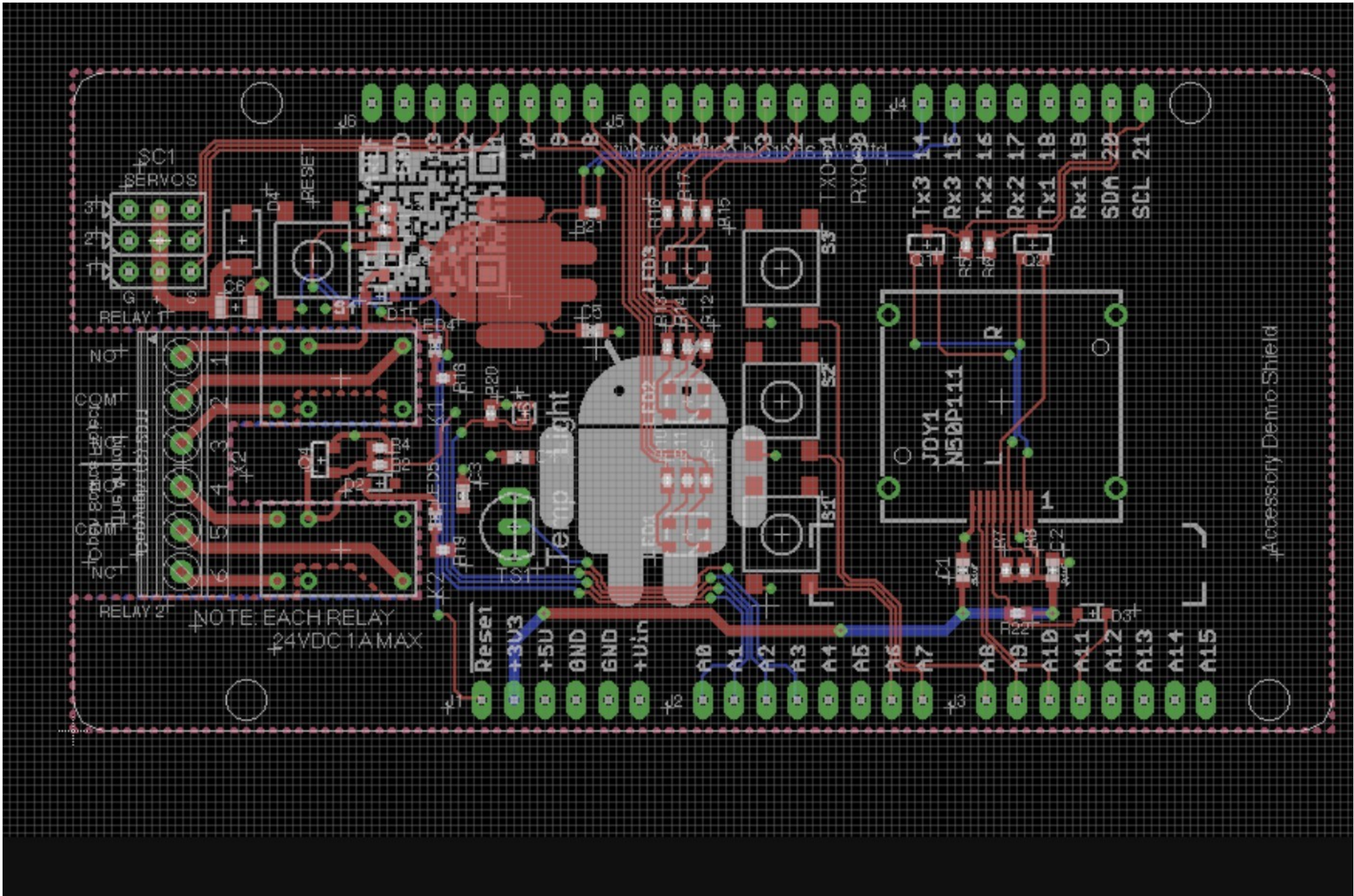
Open Source Hardware Camp, October 2011

UNO
ARDUINO
POWER
ANALOG IN

http://www.riversimple.com/

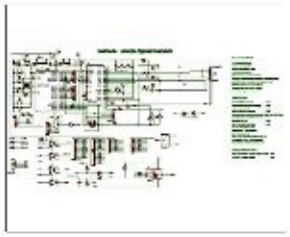
OpenPCR
Many thanks to all our supporters including:
Meredith L. Patterson
Phillip Stevens
Eri Gentry
Raj Singh
Ramez Naam
Samir Dobric
Tricia Salinero
Keith Collins
Jason Bobe
Betsy Novotny
Nathan Herring
Martin Haeberli
OpenPCR

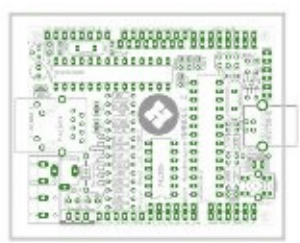
http://opencompute.org/


SC1
SERVOS
RESET
RELAY 1
RELAY 2
NOTE: EACH RELAY
24VDC 1A MAX
Temp Light
JOY1
N50P11
Accessory Demo Shield
Reset
+3V3
+5V
GND
GND
+Vin
A0
A1
A2
A3
A4
A5
A6
A7
A8
A9
A10
A11
A12
A13
A14
A15
Tx3
Rx3
Tx2
Rx2
Tx1
Rx1
SDA
SCL

open collaboration for electronic design

Clear and consistent presentation of schematics, circuit boards and bills of materials accessible by both humans and machines on the Web.





Designator	Value	Description
4SV_0V_WIRELESS/DIG 1-DIG10		FEMALE HEADER
0V_+5V_SERVO/DISPLAY		FEMALE HEADER
ANALOGUE INPUTS 1		FEMALE HEADER
ANALOGUE_INPUTS_2		FEMALE HEADER
C1	22pF	CAPACITOR, European symbol
C2	22pF	CAPACITOR, European symbol
C3	22pF	CAPACITOR, European symbol
C4	22pF	CAPACITOR, European symbol
C5	100nF	CAPACITOR, European symbol
C6	100nF	CAPACITOR, European symbol
C7	100nF	CAPACITOR, European symbol
C8	100nF	CAPACITOR, European symbol
C9	12uF	POLARIZED CAPACITOR, European

© SolderPad Ltd

Positioning

- projects engaging to explore, easily embedded in Web pages and consumed in third-party applications *like Flickr and YouTube*

- a place for open source projects to collaborate, and for engineers to build a portfolio *like github*

- closed groups get things done with the minimum of fuss *like Basecamp or Google Docs*

© SolderPad Ltd

Open Source Hardware an emerging trend

New methods of collaboration are becoming apparent in Open Source Hardware. SolderPad provides explicit licensing and attractive hosting for influential Open Source Hardware projects, raising the visibility of exemplar projects and working practices to the electronics design industry at large.

© SolderPad Ltd

Current Status

solderpad.com opened to public in October 2011 with no publicity.

Within 10 days, 65 people registered, publishing 20 open source projects.

Working with early adopters, hackday at OSHCAMP, articles including in the RSA journal, negotiating with potential partners.

© SolderPad Ltd

Core Team

Andrew Back *9600*

co-founder

Andrew is an artist, electronics hacker and open source advocate. He acted as BT's Open Source Strategist, establishing company-wide open source policy and process and representing them at a number of bodies including The Linux Foundation and ATIS. Andrew co-founded the Electron Club in 2006 — one of the UK's first hackerspaces, and founded and runs OSHUG, a monthly open source hardware meet-up in and around London, UK.

Paul Downey *psd*

co-founder

Paul is a doodler, a maker and a veteran communications software developer. He has been hacking embedded systems since the late 1970s. Formerly BT's Chief Web Services Architect, and lead W3C representative, he was until recently a member of Osmosoft — a small team building open source Web collaboration systems. Paul compères OSHUG, a monthly open source hardware meet-up in and around London, UK.

Andrew Katz

Joe Halliwell

James Governor

Jonathan May

Shane Coughlan

© SolderPad Ltd

Next...

1. Develop collaboration features
2. Reconsider path to sustainability
3. Drive engagement

Thanks!

andrew@solderpad.com