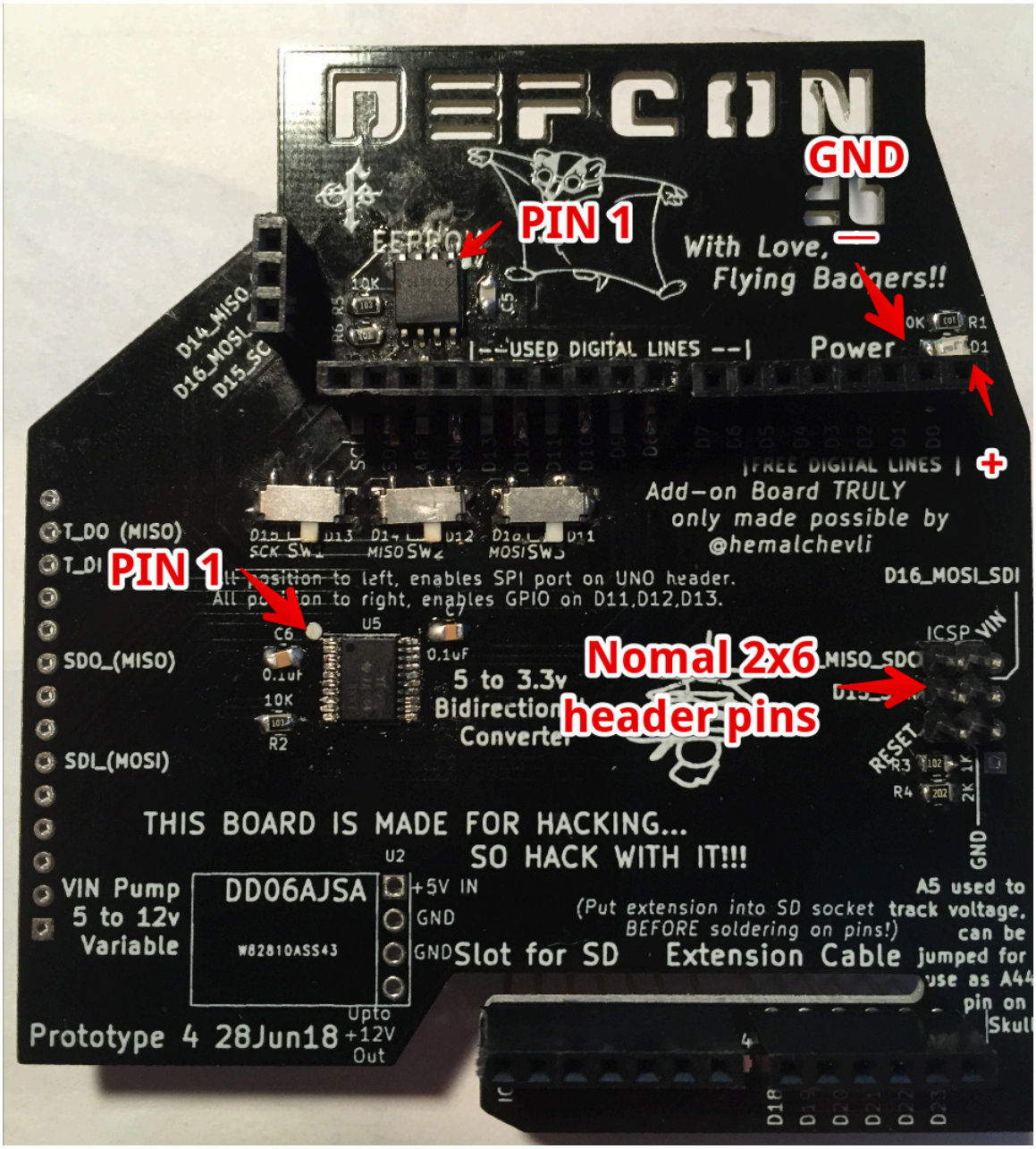
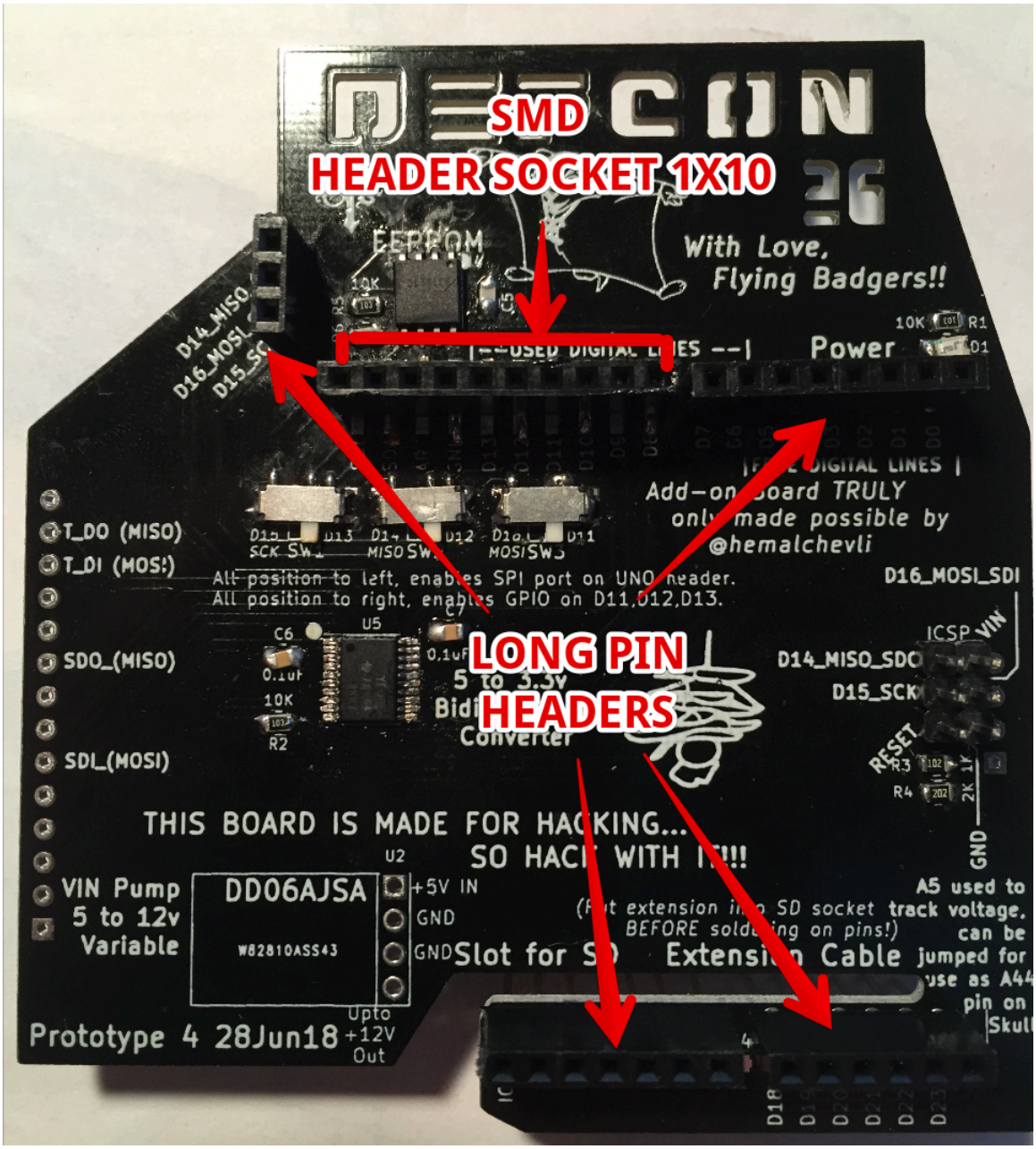
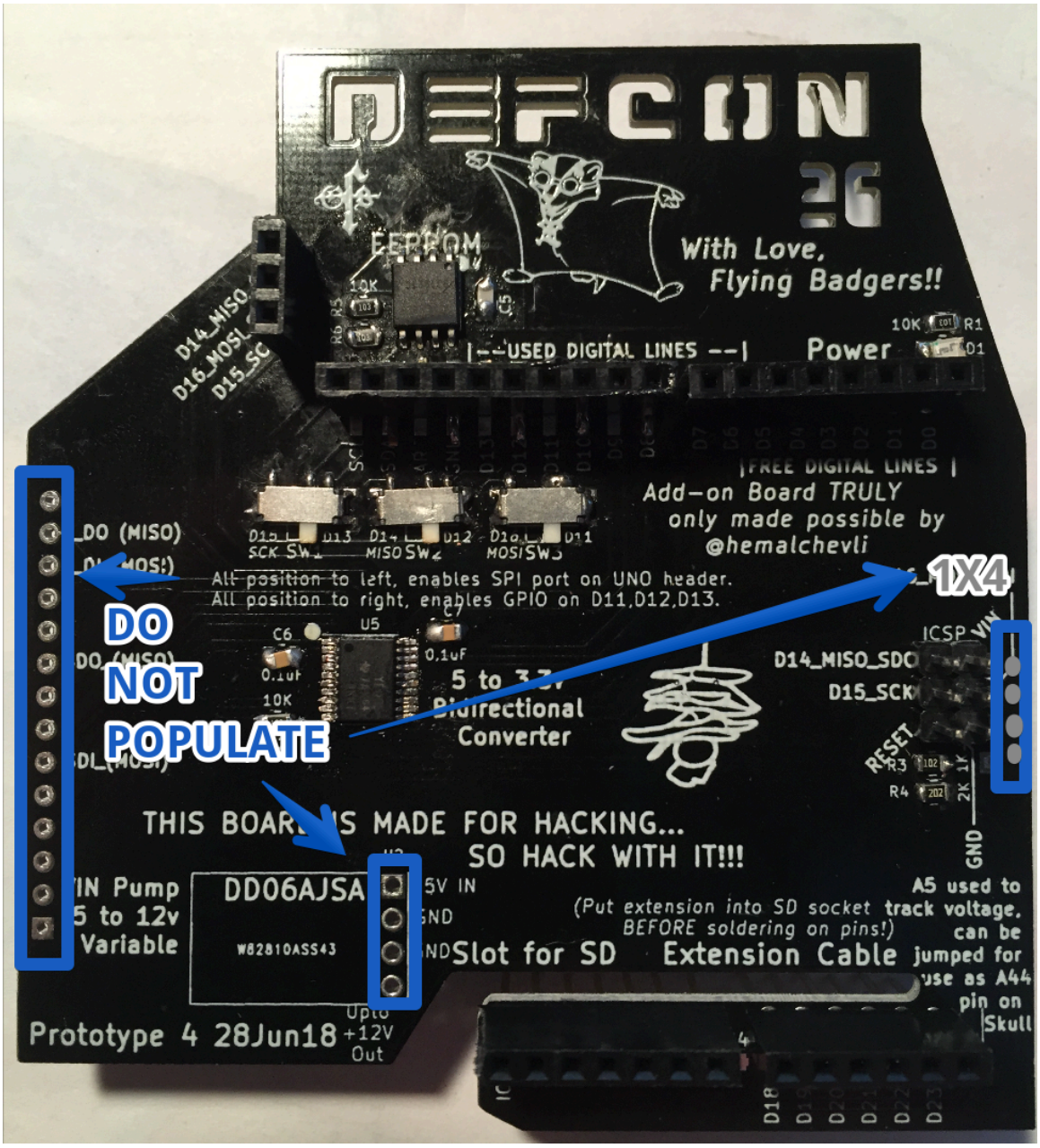
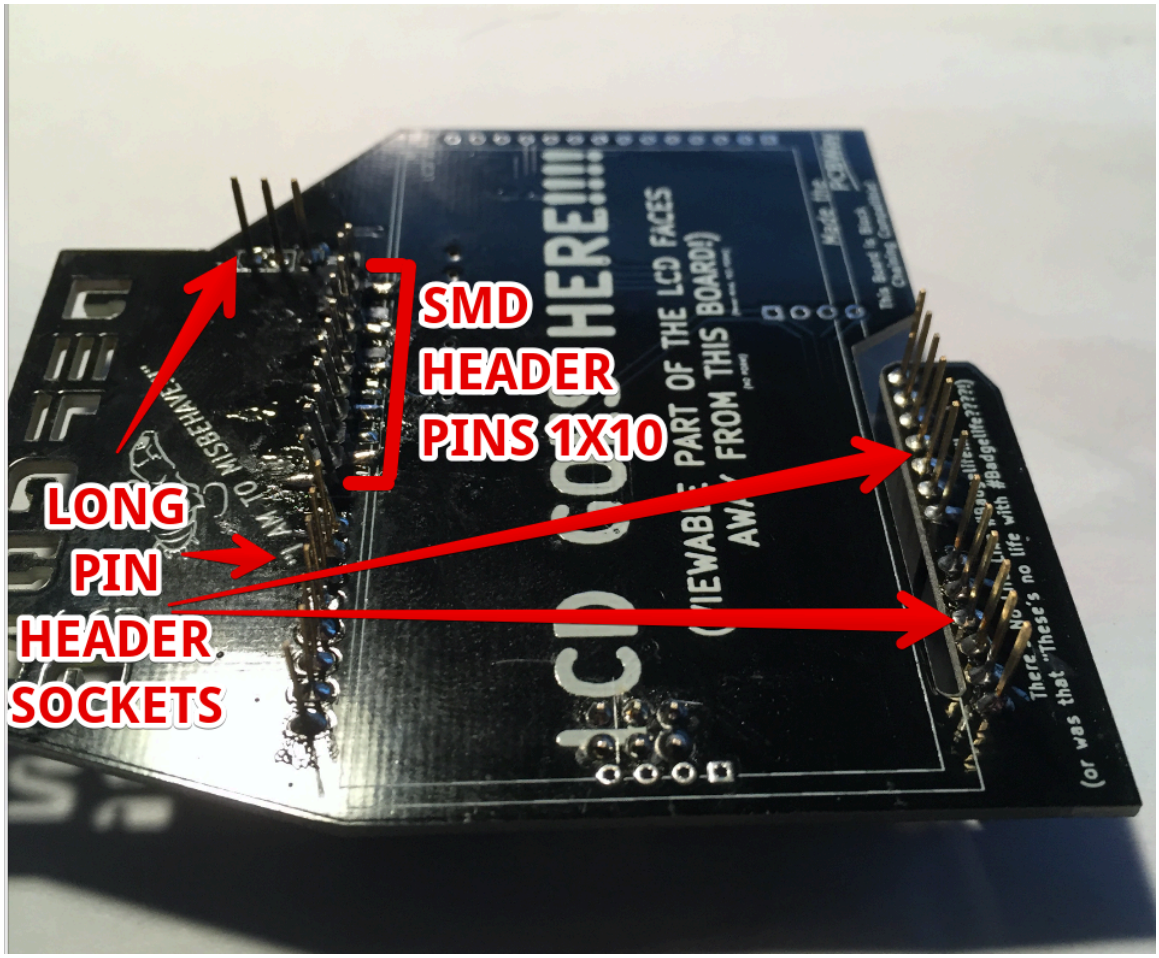
Build Notes for W82810AXS42




SMD
HEADER SOCKET 1X10
LONG PIN
HEADERS
With Love,
Flying Badgers!!
Power
Add-on board TRULY
only made possible by
@hemalchevli
All position to left, enables SPI port on UNO header.
All position to right, enables GPIO on D11,D12,D13.
T_DO (MISO)
T_DI (MOSI)
SDO_(MISO)
SDI_(MOSI)
D16_MOSI_SDI
D14_MISO_SDO
D15_SCK
ICSP
VIN
RESET
GND
THIS BOARD IS MADE FOR HACKING...
SO HACK WITH IT!!!
VIN Pump
5 to 12v
Variable
DD06AJSA
W82810ASS43
+5V IN
GND
GND
Slot for SD
Extension Cable
A5 used to
track voltage.
can be
jumped for
use as A4
pin on
Skull
Prototype 4 28Jun18
Upto
+12V
Out


DEFCON
26
With Love,
Flying Badgers!!
EEPROM
10K
R1
D1
Power
|--USED DIGITAL LINES --|
D14_MISO
D16_MOSI
D15_SC
|FREE DIGITAL LINES |
Add-on Board TRULY
only made possible by
@hemalchevli
SCK SW1
MISO SW2
MOSI SW3
All position to left, enables SPI port on UNO header.
All position to right, enables GPIO on D11,D12,D13.
1X4
DO
NOT
POPULATE
C6
0.1uF
U5
C7
0.1uF
10K
5 to 3.3v
Bidirectional
Converter
ICSP
D14_MISO_SDO
D15_SCK
RESET
R3
R4
2K
GND
THIS BOARD IS MADE FOR HACKING...
SO HACK WITH IT!!!
IN Pump
5 to 12v
Variable
DD06AJSA
W82810ASS43
5V IN
GND
Slot for SD
(Put extension into SD socket
BEFORE soldering on pins!)
Extension Cable
A5 used to
track voltage.
can be
jumped for
use as A44
pin on
Skull
Prototype 4 28Jun18
Upto
+12V
Out

BOARD IS MADE FOR HACKING...
SO HACK WITH IT!!
U2
D06AJSA
+5V IN
GND
GND
Slot for SD
(Put extension
BEFORE
socket track
on pins!)
cable jumped
A5 used
GND
Upto
+12V
Out
8Jun18
IOREF
RST
3.3V
5V
GND
GND
VIN
J4
D18/A0
D19/A1
D20/A2
D21/A3
D22/A4
D23/A5
DO
NOT
POPULATE
JUMPER
J4


LONG
PIN
HEADER
SOCKETS
SMD
HEADER
PINS 1X10

DO
NOT
POPULATE
1X4
LCD GOES HERE!!!!
(VIEWABLE OF THE LCD FACE
AWAY FROM THIS BOARD!)
Made the
PCBW
This Board is Block
Chaining Compatible!