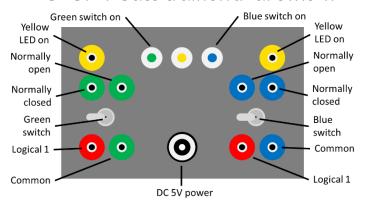
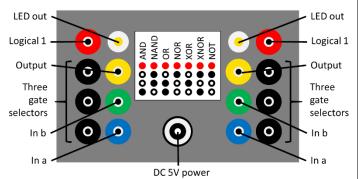




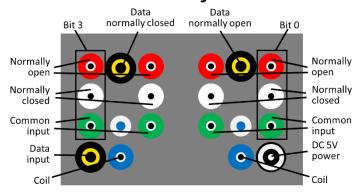
#### ULU.01 Gate trainer/dual switch



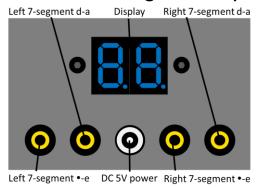
### **ULU.02 Dual multi gate**



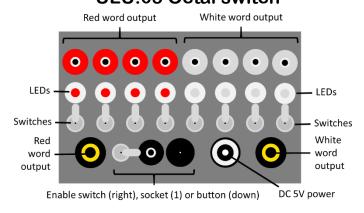
### ULU.03 Dual relay/data switch



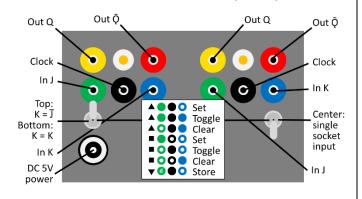
# **ULU.04 Dual 7-segment display**



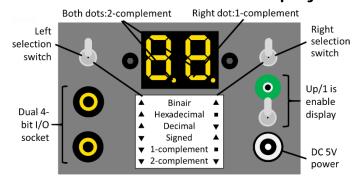
### **ULU.05 Octal switch**



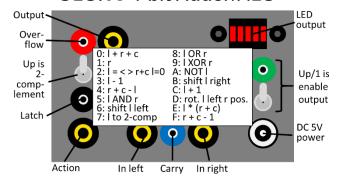
# **ULU.06 Dual JK flip-flop**



#### **ULU.07 Universal 4-bit display**



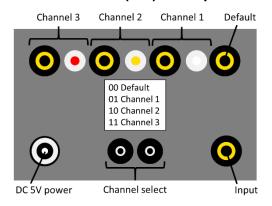
#### ULU.08 4-bit Adder/ALU



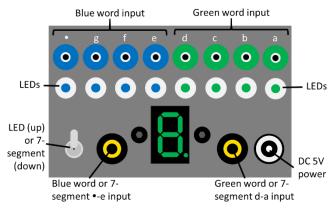


#### **ULU** overview

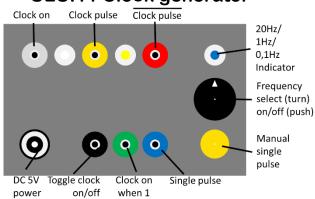
#### ULU.09 4x4 (de)multiplexer



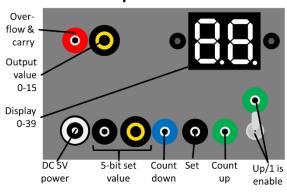
#### **ULU.10 Octal LED**



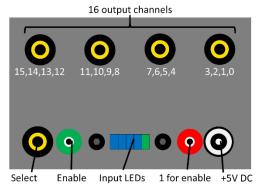
# **ULU.11 Clock generator**



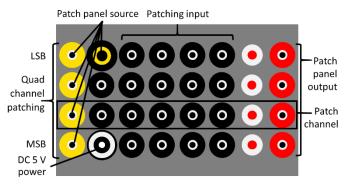
## ULU.12 Up- & down counter



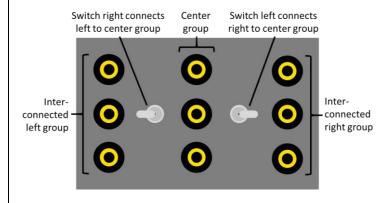
# ULU.13 1x16 (de)multiplexer



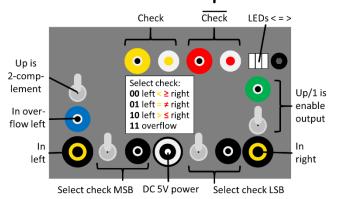
# **ULU.14 Patch panel**



#### **ULU.15 Data bus**



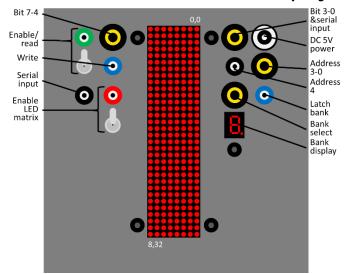
# **ULU.16 4-bit comparator**



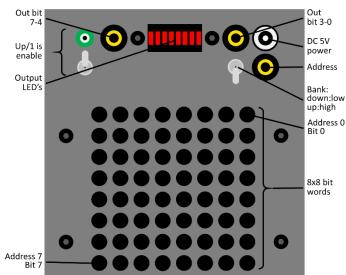


#### **ULU** overview

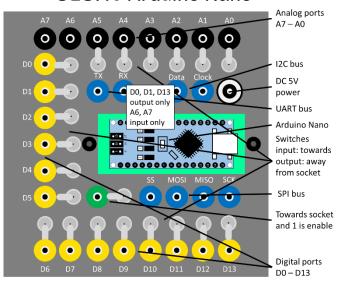
### ULU.17 512x8 bit RAM & display



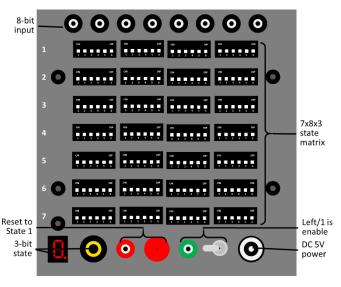
#### **ULU.18 8x8 Switch ROM**



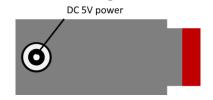
#### **ULU.19 Arduino Nano**



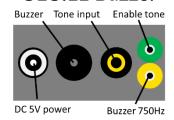
#### ULU.20 8x8 state machine



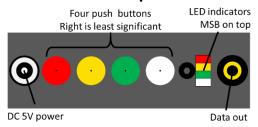
#### **ULU.21 Signal alarm**



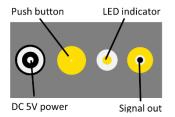
#### **ULU.22 Buzzer**



#### **ULU.23 Quad push button**



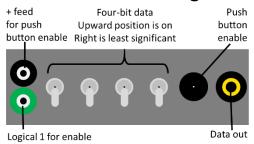
#### **ULU.24 Push button**



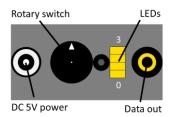


### **ULU** overview

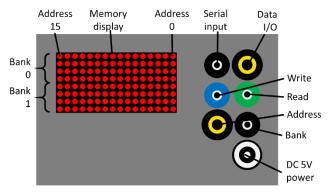
# **ULU.25 Data word giver**



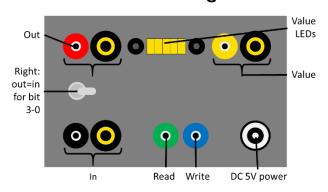
# **ULU.26 Rotary word giver**



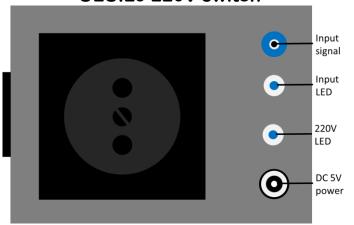
#### ULU.27 32x4-bit RAM



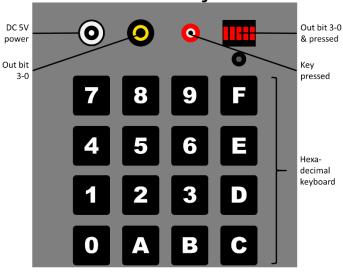
**ULU.28 5-bit register** 



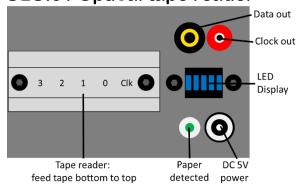
# ULU.29 220V switch



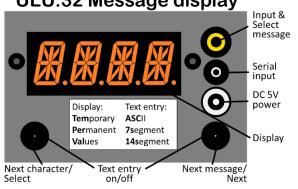
**ULU.30 Hex keyboard** 



# **ULU.31 Optical tape reader**



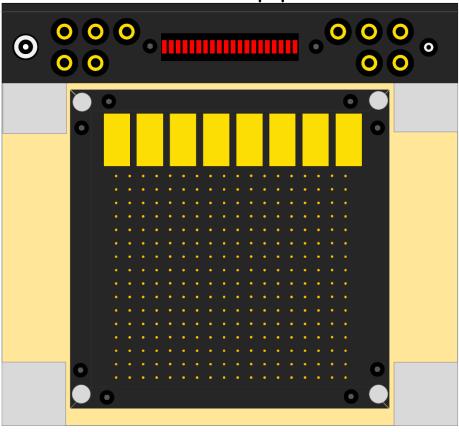
# **ULU.32 Message display**



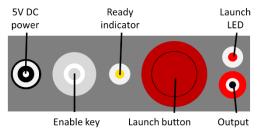




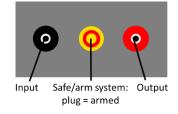
ULU.33 16x18-bit paper ROM



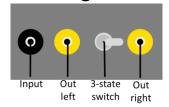
# **ULU.34 Launch control**



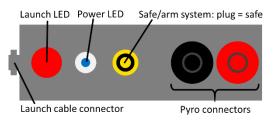
### **ULU.36** Launch enable



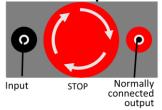
# **ULU.38 Signal switch**



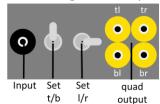
# **ULU.35** Ignition box



# **ULU.37 Stop button**

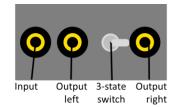


# **ULU.39 Signal dispatch**

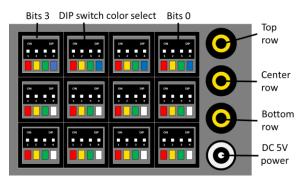




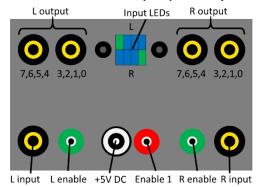
#### **ULU.40 Data switch**



# **ULU.42 Status lights**



# ULU.44 Dual 1x8 (de)multiplexer

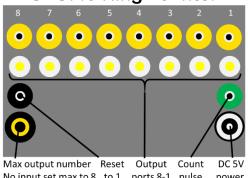


#### **ULU.41 Data Y-splitter**



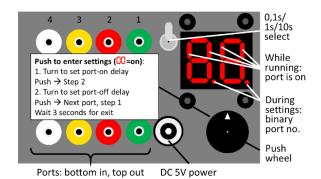
3 interconnected data-buses

# **ULU.43 Ring counter**

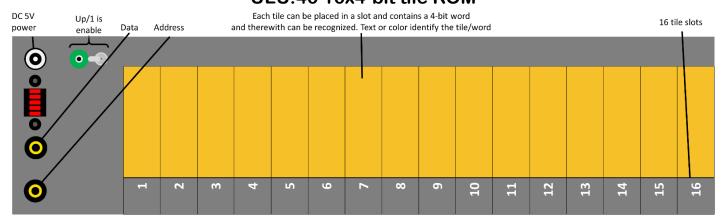


No input set max to 8 to 1 ports 8-1 pulse power

# **ULU.45 Quad sigal delay**



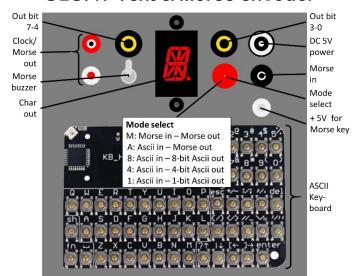
#### ULU.46 16x4-bit tile ROM



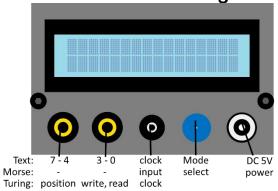




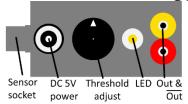
#### **ULU.47 Text & Morse encoder**



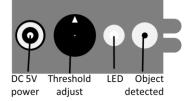
# **ULU.49 Text & Turing box**



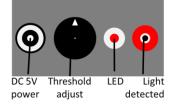
# **ULU.51 – Sensor trigger**



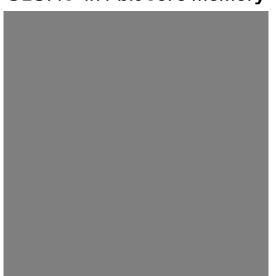
# **ULU.53 Object sensor**



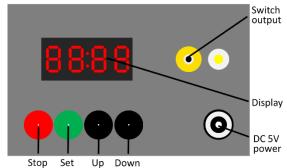
# ULU.55 - Light sensor



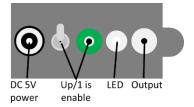
### **ULU.48 4x4-bit core memory**



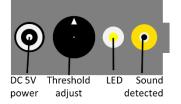
**ULU.50 Switch clock** 



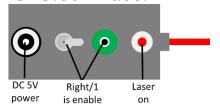
**ULU.52 - Motion sensor** 



#### **ULU.54 Sound sensor**

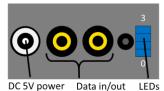


#### ULU.56 - Laser

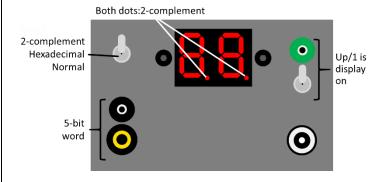




ULU.57 - Data sniffer



**ULU.59** 5-bit numeric display

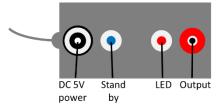


ULU.61 - Infrared link



ULU.63 - Range sensor





ULU.60 Random gen. & AD conv.



ULU.62 - Radio link



**ULU.64 – Power unit**