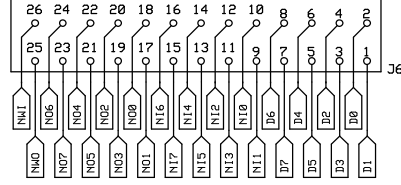
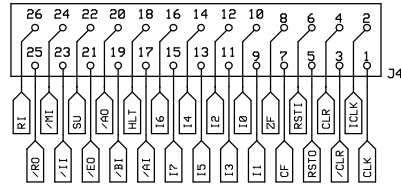
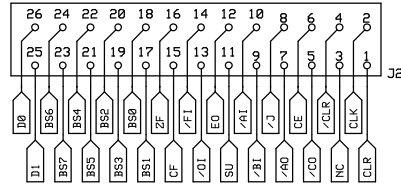
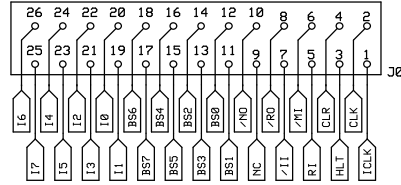
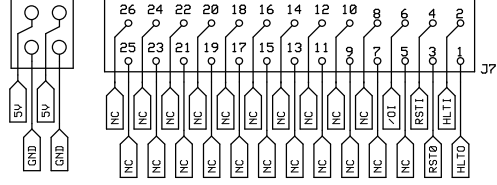
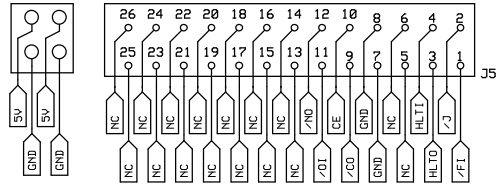
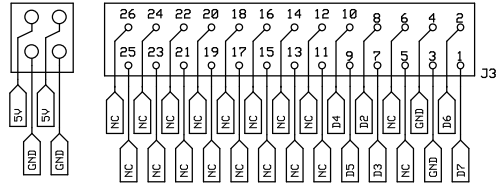
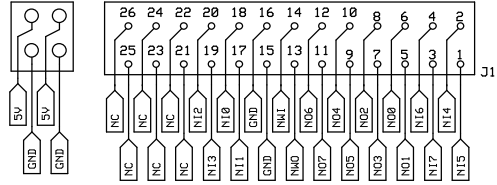


## UPPER VIEW



### BOARD1

Clock, MAR, RAM, IR, Input

### BOARD2

PC, A&B, ALU, Flags,  
Output, Display, Bus

### BOARD3

CU

### BOARD4

Arduino Driver

ICLK -> INV\_CLK

BS0-BS7 -> BUS\_0-BUS\_7

NI0-NI7 -> DRV\_IREG\_MUX\_IN\_0-7

NO0-NO7 -> DRV\_IREG\_MUX\_OUT\_0-7

RSTI -> DRV\_RST\_OR\_IN

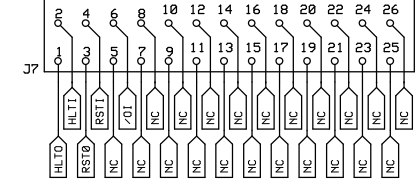
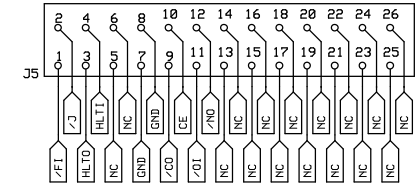
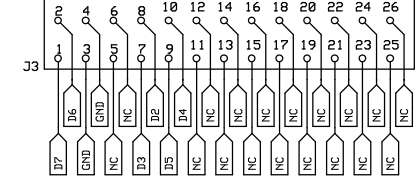
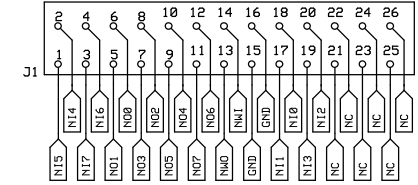
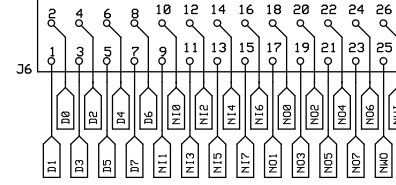
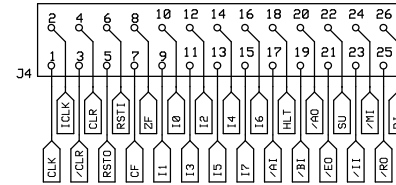
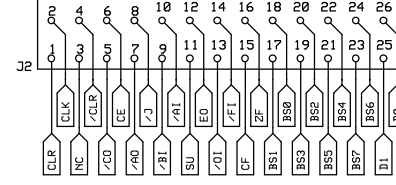
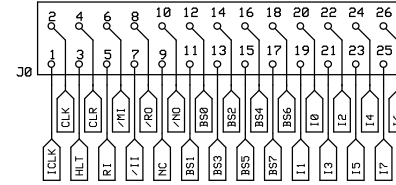
RSTO -> DRV\_RST\_OR\_OUT

HLTI -> DRV\_HLT\_OR\_IN

HLTO -> DRV\_HLT\_OR\_OUT

D0-7 -> DRV\_OREG\_165\_IN\_0-7

## BOTTOM VIEW



8-Bit Computer Interfaced With Arduino

### Board ports

Adam Antoshin

Rev 2.0  
17/03/2020

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