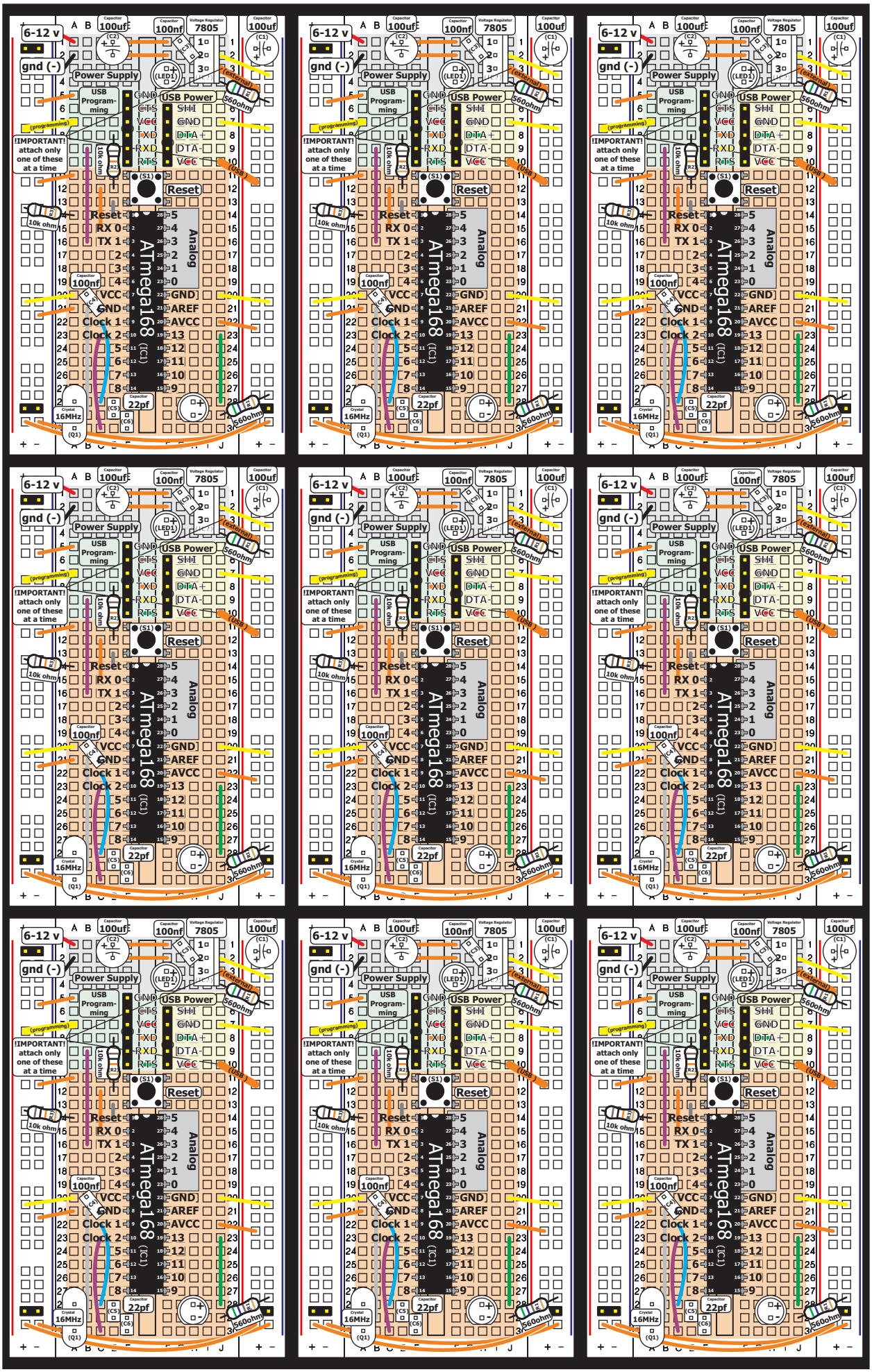
6-12 v
gnd (-)
Power Supply
USB Program-ming
USB Power
!IMPORTANT! attach only one of these at a time
(programming)
(external)
(USB)
Reset
ATmega168 (IC1)
Analog
Capacitor 100uf
Capacitor 100nf
Voltage Regulator 7805
Capacitor 22pf
Crystal 16MHz
10k ohm
560ohm
GND
CTS
VCC
TXD
RXD
RTS
SHI
DTA+
DTA-
RX 0
TX 1
Clock 1
Clock 2
AREF
AVCC