CONTROLS

A	Fc	Filter Cutoff	B	Q	Filter Resonance
A	F Env	Filter Envelope	B	P Env	Pitch Envelope
A	F LFO	Filter LFO	B	P LFO	Pitch LFO
A	A LFO	Amplitude LFO	B	PWM	Pulse Width Modulation
A	Dist	Distortion	B	Phase	Phaser
A	Volume	Output volume	B	Pitch	Play button pitch

MIDI

You will need to flash the Arduino's USB processor if not MIDI-hacked. Find out how to do this at: www.soulsbysynths.com/tutorials
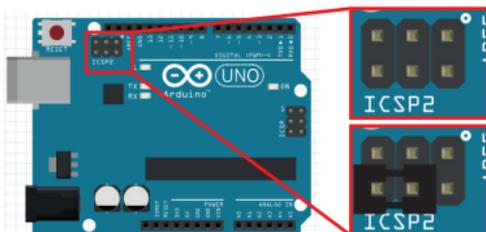
MIDI mode
(no jumper)

Arduino mode
(with jumper)

Go to www.soulsbysynths.com for more detailed instructions, tables of settings and the latest software.

SOULSBY miniATMEGATRON

ASSEMBLY AND OPERATION INSTRUCTIONS

FUNCTION

⚫	Waveform select		🔵	LFO shape
🔴	Filter type		🟣	LFO speed
🟢	Filter/pitch envelope		🔵	Wavecrusher/ Portamento
🟡	Amplitude envelope		⚪	Pattern select

VALUE

Value is between 0-15. Also shows pattern beat. E.g.:

=0
=1
=7
=15
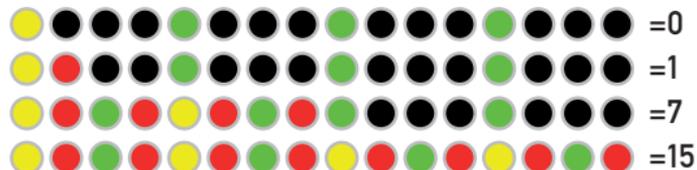
Hold Func + & press Value -/+ = Pattern Tempo
Hold Func - = Save Patch