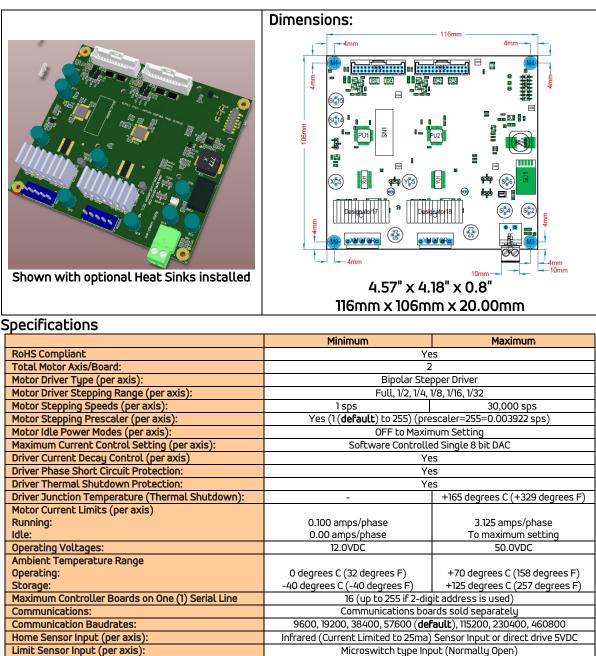
## Dual Axis Microstepping Controller (SSXYMicroMC-4x)

(Medium Current)



Home Sensor Input (per axis):	Infrared (Current Limited to 25ma) Sensor Input or direct drive 5VDC	
Limit Sensor Input (per axis):	Microswitch type Input (Normally Open)	
Dedicated User Input Lines (per axis):	3-Inputs with on board 10K pull-ups, 0-5.0VDC Input, 0-3.3VDC Output 3-Inputs with no pull-ups, 0-3.3VDC Input/Output	
Dedicated User Output Lines (per axis): Outputs (each):	2 - MOSFET 0.5 amp - 0VDC to Board operating voltage with diode clamp	
PWM Outputs (per axis):	2 - Open Collector MOSFET and 5 - TTL 0 to 3.3VDC PWM's	
ADC Inputs (per axis):	1 - (SPARE 1) 0 to 3.3VDC, 12-bit ADC	
Quadrature Encoder Interface (per axis):	Yes (Single ended only)	
Quadrature Encoder Maximum Frequency (per axis):	1.5MHz	
Quadrature Encoder Modes (per axis):	x1, x2 and x4	
Quadrature Encoder scaling (per axis):	Double Precision Floating Point	
PCB Flammability Rating:	UL 94V-0	



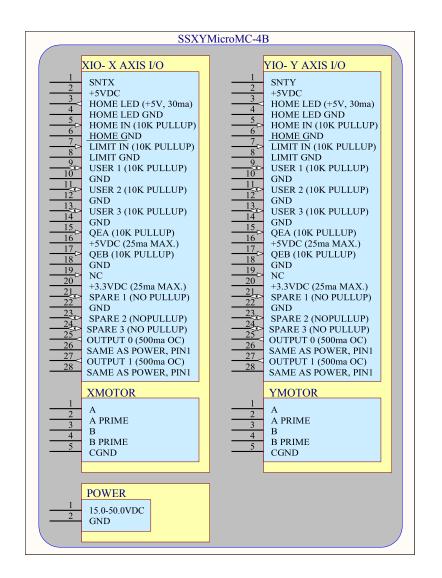
For more information or to place an order, please go to our website at www.simplestep.com

The specifications in this publication are believed to be accurate and reliable. However, it is the responsibility of the product user to determine the suitability of any Simple Step® product for a specific application. While defective products will be replaced without charge if promptly returned, no liability is assumed beyond such replacement. Simple Step® - Motion Control made Simple!®

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## Dual Axis Microstepping Controller (SSXYMicroMC-4x)

(Medium Current)



Connector Name	Connector Type	Mating Connector P/N
POWER	Phoenix Contact	1754449
XIO, YIO	Molex iGrid	501646-2800
XMOTOR, YMOTOR	JST Sales	VHR-5N



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