Model Name		LSI3101/A P.27	LSI3181 P.30
Bus		PCI	PCI
Axes		Single	Single
Max Speed		Quadrature 8M (LSI3101) @x1, @x2, @x 4 16M (LSI3101A) @x1, @x2, @x 4	Quadrature 16M @x1, @x2, @x 4
Counter Length		32-bit	32-bit
Specific I/O	Input	A, B, Z, HOME, CLR_IN	A, B, Z, HOME, CLR_IN
	Output	CMP_OUT	CLR_OUT, CMP_OUT, CMP0_OUT ..... CMP7_OUT
Digital	Input	8	8
	Output	8	8
Isolation		Y	Y
FIFO Compare Mode		Y	Y
Special Function		h/w homing (clear counter), compare equal trigger out, programmable segment compare, auto increment compare, single compare, FIFO compare	h/w homing (clear counter), compare equal trigger out, programmable segment compare, auto increment compare, single compare, FIFO compare, position offset compare 0~7
Timer		32-bit @1us	32-bit @1us
Interrupt		Y	Y
Dimensions (W) * (H)		130*102 mm 5.2*4.1 in	130*102 mm 5.2*4.1 in
Wiring Board		ADP3101DIN P.41 ADP9201DIN(R) P.79 ADP9201DIN(S) P.79 ADP9201DIN(P) P.79 JS51053 I.12	ADP3101DIN P.41 ADP9201DIN(R) P.79 ADP9201DIN(S) P.79 ADP9201DIN(P) P.79 JS51053 I.12 JS51050 I.12

Model Name		LSI3123A P.33	LSI3144A P.35	LSI3188 P.37
Bus		PCI	PCI	PCI
Axes		3	4	Single
Max Speed		Quadrature 1MHz @x1 1MHz @x2 1MHz @x4	Quadrature 16MHz@ x1, x2, x4	Quadrature 16M @x1, @x2, @x 4
Counter Length		32-bit per axis	32-bit per axis	position counter : 32-bit station distance counter : 16bit
Specific I/O	Input	A, B, Z, TOUCH_PROBE_IN	A, B, Z, HOME, LAH	A, B, Z, HOME, TRIG_IN
	Output	No	CLR_OUT	CMP_OUT, CMP0_OUT ..... CMP7_OUT
Digital	Input	No	4	8
	Output	1	4	8
Isolation		Y	Y	Y
FIFO Compare Mode		No	Y	Y
Special Function		external trigger to latch, fast coordinate rebuilt (Accurite linear scale)	s/w, h/w homing (clear counter), external trigger to latch counter, external trigger to load counter, compare equal trigger out (all axis, programmable duration) PWM FIFO	h/w homing (clear counter), compare equal trigger out, 8 station distance counter, 8 station trigger out, device presence trigger input
Timer		No	32-bit @1us	32-bit @1us
Interrupt		No	Y	Y
Dimensions (W) * (H)		130*102 mm 5.2*4.1 in	151*110 mm 6.0*4.4 in	130*102 mm 5.2*4.1 in
Wiring Board		ADP3123DIN P.45 JS51050 I.12	ADP3144DIN(N) P.42 ADP3144DIN(R) P.42 ADP3144ADIN P.42 JS51050 I.12	ADP3101DIN P.41 ADP9201DIN(R) P.79 ADP9201DIN(S) P.79 ADP9201DIN(P) P.79 JS51053 I.12 JS51050 I.12