

# Current Sensor Product List

TAMURA CORPORATION OF AMERICA  
1040 South Andreesen Dr. Ste 100  
Escondido, CA 92029

Contact: 1-800-472-6624  
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SERIES	MODEL	Main Specification					UL FCC	Features
		Circuit System	Mounting Configuration	Primary Conductor	Rated Current	Power Voltage		
<b>F03P</b> 	<b>F03PxxxS05L</b> <b>F03PxxxS05</b>	Fluxgate system	On-board	Built-in bus-bar	6~50A	+5V	●	<ul style="list-style-type: none"> <li>• Super precision &amp; High stability</li> <li>• F02P &amp; F03P: with reference access</li> <li>• F03P: Longer creepage &amp; clearance distances</li> <li>• Name end "L": Backward compatible, Anti surge current, Compact</li> </ul>
<b>F02P</b> 	<b>F02PxxxS05L</b> <b>F02PxxxS05</b>							
<b>F01P</b> 	<b>F01PxxxS05L</b> <b>F01PxxxS05</b>							
<b>LA03P</b>  <b>NEW</b>	<b>LA03PxxxS05</b>	Open loop	On-board	Built-in bus-bar	21~85A	+5V	●	<ul style="list-style-type: none"> <li>• One Loop - one chip ASIC model</li> <li>• Low profile package (8.5mm on PCB)</li> <li>• High speed response</li> <li>• *1 : Measurement current range</li> </ul>
<b>LA02P</b>  <b>NEW</b>	<b>LA02PxxxS03</b>		On-board		21~85A	+3.3V		
<b>LA01P(M)</b> 	<b>LA01PxxxS05</b>	Open loop	On-board (Discrete)	Built-in bus-bar	35~170A *1	+5V	●	
	<b>LA01MxxxS05</b>		On-board (SMT)		21~41A *1			
<b>L37S</b>  <b>NEW</b>	<b>L37SxxxD15</b>	Open loop	Connector (MOLEX/JST)	Through □ 20.4 x 10.4	50~600A	±15V	●	
<b>L34S</b> 	<b>L34SxxxD15</b>	Open loop	Connector (MOLEX)	Through □ 40.5 x 40.5	200~1500A	±15V	●	<ul style="list-style-type: none"> <li>• High current (1500A_max)</li> <li>• Wide electrical current range</li> <li>• Large aperture</li> </ul>
<b>L32P</b> 	<b>L32PxxxS05FS</b>	Open loop	On-board	Through □ 15 x 8	50~400A	+5V	●	<ul style="list-style-type: none"> <li>• Ferrite core is used</li> <li>• With reference access</li> <li>• Anti-sulfurated</li> </ul>
	<b>L32PxxxS05BFS</b>			Built-in bus-bar	50A, 100A			
<b>L31S</b> 	<b>L31SxxxS05FS</b>	Open loop	Connector (MOLEX)	Through □ 20.5 x 10.5	50~600A	+5V	●	<ul style="list-style-type: none"> <li>• Wide electrical current range</li> <li>• Ferrite core is used</li> <li>• With reference access</li> <li>• Anit-sulfurated</li> </ul>
<b>L18P</b> 	<b>L18PxxxD15-OP</b> <b>L18PxxxD15</b> <b>SL18PxxxD15</b>	Open loop	On-board	Built-in coil/ bus-bar	3~60A	±15V	●	<ul style="list-style-type: none"> <li>• Low cost</li> <li>• Compact, high performance</li> <li>• Name First "SL18P"; Anti-sulfurated (Coating; Anti-sulfurated resistance)</li> <li>• Name End "R": Rated voltage change</li> </ul>
	<b>L18PxxxS05</b> <b>L18PxxxS05R</b>					+5V		
	<b>L18PxxxS12</b>					+12V		
<b>L12P</b> 	<b>L12P025D15</b>	Open loop	On-board	Built-in coil	25A	±15V	●	<ul style="list-style-type: none"> <li>• Low cost</li> <li>• Compact</li> </ul>

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		Circuit System	Mounting Configuration	Primary Conductor	Rated Current	Power Voltage								
<b>L08P</b> 	L08PxxxD15W/IPV	Open loop	On-board	Through ø16	100~300A	±15V	<ul style="list-style-type: none"> <li>Wide range of applications</li> <li>Name End "W": Saturation current up</li> <li>NC pin is deleted</li> </ul>							
	L08PxxxD15				50~200A									
<b>L07P</b> 	L07PxxxD15	Open loop	On-board	Built-in coil	3~30A	±15V	<ul style="list-style-type: none"> <li>Low cost</li> <li>Built in 2 circuits</li> <li>Name End "S"; Anti-sulfurated (Coating; Anti-sulfurated resistance)</li> </ul>							
	L07PxxxD15S					+5V								
	L07PxxxS05													
<b>L06P</b> 	L06PxxxS05	Open loop	On-board	Through ø22	300~800A	+5V	<ul style="list-style-type: none"> <li>Wide range of applications</li> <li>Single power supply type</li> </ul>							
<b>L05Z</b> 	L05Z800S15	Open loop	Connector (JST)	Through □20.5 x 10.5	800A	+15V	<ul style="list-style-type: none"> <li>Wide range of applications</li> <li>Single power supply type</li> </ul>							
<b>L03S</b> 	L03SxxxD15	Open loop	Connector (MOLEX)	Through □20.5 x 10.5	50~600A	±15V	<ul style="list-style-type: none"> <li>Wide electrical current range</li> <li>Compact</li> <li>Name End "W"; Saturation current up, Change position of CN</li> </ul>							
	L03SxxxD15W		Connector (MOLEX/JST)		50~800A									
<b>L01Z</b> 	L01ZxxxS05	Open loop	On-board	Through □15x8	50~600A	+5V	<ul style="list-style-type: none"> <li>Wide electrical current range</li> <li>Compact</li> </ul>							
<b>S29S</b> 	S29S1T0D24Z S29S1T0D24ZM S29S1T0D24ZJ	Closed loop	Connector (MOLEX/JST)	Through ø38.5	1000A	±24V	<ul style="list-style-type: none"> <li>High-current, High accuracy</li> <li>Conversion Ratio 1:5000</li> <li>Connector: MOLEX (2 Type), JST (1 Type)</li> </ul>							
	<b>S28S</b> 							S28SxxxD24Z S28SxxxD24ZM	Closed loop	Connector (MOLEX)	Through ø30	500A	±24V	<ul style="list-style-type: none"> <li>High-current, High accuracy</li> <li>Conversion Ratio 1:5000</li> <li>Connector: MOLEX (2 Type)</li> </ul>
								<b>S27S</b> 						
<b>S26P</b> 	S26S200D15Y	Closed loop	On-board	Through □17x11	200A	±15V	<ul style="list-style-type: none"> <li>High accuracy, High performance</li> <li>Conversion Ratio 1:2000</li> </ul>							
<b>S25P</b> 	S25PxxxD15X	Closed loop	On-board	Through □13x8.5	50~150A	±15V	<ul style="list-style-type: none"> <li>High accuracy, High performance</li> <li>Conversion Ratio 1:1000 (Name end "X"), 1:2000 (Name end "Y")</li> </ul>							
<b>S23P</b> 	S23PxxxD15M2 S23PxxxD15M1 S23PxxxD15	Closed loop	On-board	Built-in bus-bar	100A	±15V	<ul style="list-style-type: none"> <li>Name end "M2", Backward compatible, dv/dt improvement type</li> <li>Name end "M1": Conversion Ratio 1:1000,</li> <li>Conversion Ratio - Normal and M2 Type are 1:2000</li> </ul>							
	<b>S22P</b> 							S22PxxxS05M2 S22PxxxS05P	Closed loop	On-board	Built-in bus-bar	6~25A	+5V	<ul style="list-style-type: none"> <li>Voltage-output type</li> <li>Name end "M2", Backward compatible of normal model, External magnetic field improvement model</li> <li>Name end "P", Short lead model of normal model</li> </ul>
								<b>S21S</b> 						
<b>S20S</b> 	S20S200D15M1	Closed loop	Connector (JST)	Through ø20.5	200A	±15V	<ul style="list-style-type: none"> <li>High accuracy, High performance</li> <li>Conversion Ratio 1:2000</li> </ul>							