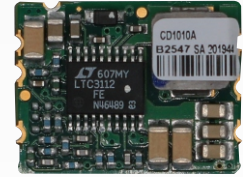


Not-Isolated DC-DC Converters (Point-of-Load)



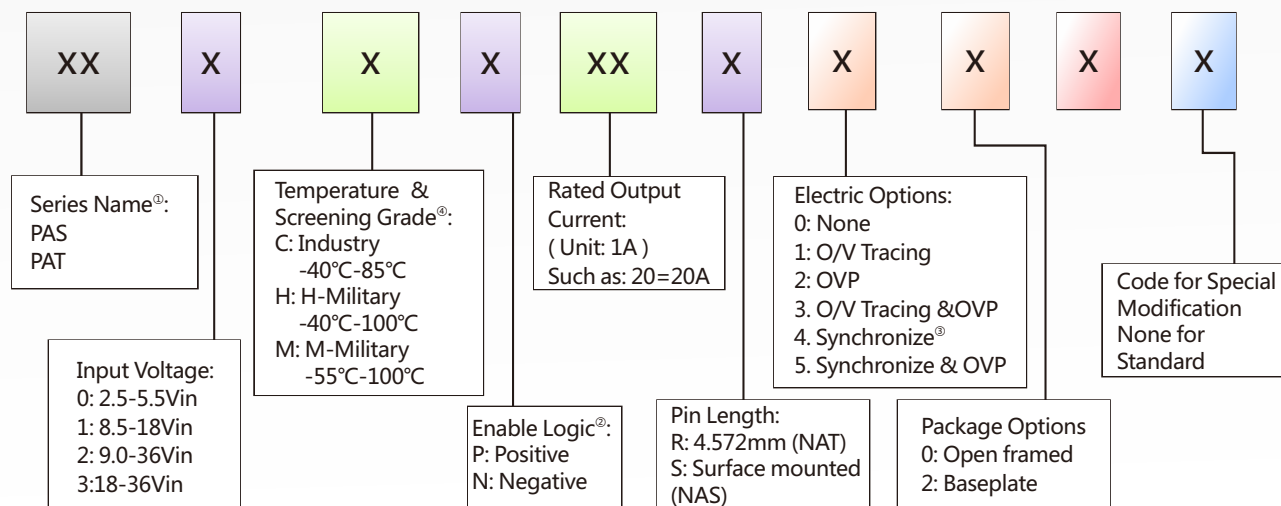
Selection Guide

	Series Name	Input Voltage	Output Voltage	Output Current	Size(mm)
Surface-Mounting	PAS0	2.5-5.5V	0.75-3.63V	12A,20A	33.1x13.6x6.7
	PAS1	8.5-16V	0.75-5.5V	12A,20A	
	PAS2	9-36V	3-6V	10A	
	PAS3	18-36V	5-15.5V	9A	

	Series Name	Input Voltage	Output Voltage	Output Current	Size(mm)
Through-hole Mounting	PAT0	2.5-5.5V	0.75-3.63V	12A,20A	50.80x12.70x6.35
	PAT1	8.5-16V	0.75-5.5V	12A,20A	
	PAT2	9-36V	3-6V	10A	
	PAT3	18-36V	5-15.5V	9A	
	PCT0	4.5-5.5V	0.75-3.63V	40A,60A	50.80x17.27x6.35
	PCT1	8-16V	3-5.5V	40A,60A	50.80x17.27x10.16



PAS/PAT Series Ordering Information



Notes :

- ① The output voltage of standard converter is adjustable, add trim resistor on application board to trim up/down the voltage.
- ② PAS/PAT series converters operate with on/off pin float.
- ③ Synchronize related option is only available on PAT series.
- ④ Screening items please refer page 10.

PAS Series (Surface Mounting)

Part No	PAS0xx12Sxx	PAS0xx20Sxx	PAS1xx12Sxx	PAS1xx20Sxx	PAS2xx10Sxx	PAS3xx09Sxx
Input Voltage	2.5-5.5V		8.5-18V		9.0-36V	18-36V
Output Voltage	0.75-3.63V		0.75-5.5V *		3-6V	5-15.5V
Output Current	12A	20A	12A	20A	10A	9A
Output Power	43W	73W	66W	110W	45W	60W
Efficiency**	94%	96%	92%	91%	88%	94%

PAT Series (Through-hole Mounting)

Part No	PAT0xx12Rxx	PAT0xx20Rxx	PAT1xx12Sxx	PAT1xx20Rxx	PAT2xx10Rxx	PAT3xx09Rxx
Input Voltage	2.5-5.5V		8.5-18V		9.0-36V	18-36V
Output Voltage	0.75-3.63V		0.75-5.5V *		3-6V	5-15.5V
Output Current	12A	20A	12A	20A	10A	9A
Output Power	43W	73W	66W	110W	45W	60W
Efficiency**	94%	96%	92%	91%	88%	94%

Notes: * The output voltage of the converter can be modified to above 5.5V(as high as 8V).
 * * The efficiency is measured on full load and within the specification.