



## Murata Point-of-Load Alliance DC-DC Converter Cross Reference list

### SURFACE MOUNT Package

Point-of-Load Alliance				TI	Artesyn	Ericsson	Astec
Iout	Vin	Vout (nom.)	P/N				
6.0 Amp	3.3Vin	0.8 ~ 2.5V (Adj.)	<a href="#">MPDTH03050WAS</a>	<a href="#">PTH03050WAZ</a>	<a href="#">PTH03050WAZ</a>	<a href="#">PME4118TSR</a>	<a href="#">ATH06T033-9SJL</a>
		0.55 ~ 1.8V (Vref Adj.)	<a href="#">MPDTH03050YAS</a>	<a href="#">PTH03050YAZ</a>	<a href="#">PTH03050YAZ</a>	<a href="#">PME4118VSFR</a>	<a href="#">PTH03050YAZ</a>
	5Vin	0.8 ~ 3.6V (Adj.)	<a href="#">MPDTH05050WAS</a>	<a href="#">PTH05050WAZ</a>	<a href="#">PTH05050WAZ</a>	<a href="#">PME5218TSR</a>	<a href="#">ATH06T05-9SJL</a>
		0.55 ~ 1.8V (Vref Adj.)	<a href="#">MPDTH05050YAS</a>	<a href="#">PTH05050YAZ</a>	<a href="#">PTH05050YAZ</a>	<a href="#">PME5118VSFR</a>	<a href="#">PTH05050YAZ</a>
	12Vin	1.2 ~ 5.5V (Adj.)	<a href="#">MPDTH12050WAS</a>	<a href="#">PTH12050WAZ</a>	<a href="#">PTH12050WAZ</a>	<a href="#">PME8318LSR</a>	<a href="#">ATH06K12-9SJL</a>
		0.55 ~ 1.8V (Vref Adj.)	<a href="#">MPDTH12050YAS</a>	<a href="#">PTH12050YAZ</a>	<a href="#">PTH12050YAZ</a>	<a href="#">PME8118VSFR</a>	<a href="#">PTH12050YAZ</a>
10.0 Amp	3.3Vin	0.8 ~ 2.5V (Adj.)	<a href="#">MPDTH03060WAS</a>	<a href="#">PTH03060WAZ</a>	<a href="#">PTH03060WAZ</a>	<a href="#">PMF4218TSR</a>	<a href="#">ATH10T033-9SJL</a>
		0.55 ~ 1.8V (Vref Adj.)	<a href="#">MPDTH03060YAS</a>	<a href="#">PTH03060YAZ</a>	<a href="#">PTH03060YAZ</a>	<a href="#">PMF4118VSFR</a>	<a href="#">PTH03060YAZ</a>
	5Vin	0.8 ~ 3.6V (Adj.)	<a href="#">MPDTH05060WAS</a>	<a href="#">PTH05060WAZ</a>	<a href="#">PTH05060WAZ</a>	<a href="#">PMF5318TSR</a>	<a href="#">ATH10T05-9SJL</a>
		0.55 ~ 1.8V (Vref Adj.)	<a href="#">MPDTH05060YAS</a>	<a href="#">PTH05060YAZ</a>	<a href="#">PTH05060YAZ</a>	<a href="#">PMF5118VSFR</a>	<a href="#">PTH05060YAZ</a>
	12Vin	1.2 ~ 5.5V (Adj.)	<a href="#">MPDTH12060WAS</a>	<a href="#">PTH12060WAZ</a>	<a href="#">PTH12060WAZ</a>	<a href="#">PMF8518LSR</a>	<a href="#">ATH10K12-9SJL</a>
		0.55 ~ 1.8V (Vref Adj.)	<a href="#">MPDTH12060YAS</a>	<a href="#">PTH12060YAZ</a>	<a href="#">PTH12060YAZ</a>	<a href="#">PMF8118VSFR</a>	<a href="#">PTH12060YAZ</a>
15.0 Amp	3.3Vin	0.8 ~ 2.5V (Adj.)	<a href="#">MPDTH03010WAS</a>	<a href="#">PTH03010WAZ</a>	<a href="#">PTH03010WAZ</a>	<a href="#">PMG4318TSR</a>	<a href="#">ATH15T033-9SJL</a>
		0.55 ~ 1.8V (Vref Adj.)	<a href="#">MPDTH03010YAS</a>	<a href="#">PTH03010YAZ</a>	<a href="#">PTH03010YAZ</a>	<a href="#">PMG4218VSFR</a>	<a href="#">PTH03010YAZ</a>
	5Vin	0.8 ~ 3.6V (Adj.)	<a href="#">MPDTH05010WAS</a>	<a href="#">PTH05010WAZ</a>	<a href="#">PTH05010WAZ</a>	<a href="#">PMG5518TSR</a>	<a href="#">ATH15T05-9SJL</a>
		0.55 ~ 1.8V (Vref Adj.)	<a href="#">MPDTH05010YAS</a>	<a href="#">PTH05010YAZ</a>	<a href="#">PTH05010YAZ</a>	<a href="#">PMG5218VSFR</a>	<a href="#">PTH05010YAZ</a>
	12Vin	1.2 ~ 5.5V (Adj.)	<a href="#">MPDTH12010WAS</a>	<a href="#">PTH12010WAZ</a>	<a href="#">PTH12010WAZ</a>	<a href="#">PMG8618LSR</a>	<a href="#">ATH12K12-9SJL</a>
		0.55 ~ 1.8V (Vref Adj.)	<a href="#">MPDTH12010YAS</a>	<a href="#">PTH12010YAZ</a>	<a href="#">PTH12010YAZ</a>	<a href="#">PMG8218VSFR</a>	<a href="#">PTH12010YAZ</a>
22.0 Amp	3.3Vin	0.8 ~ 2.5V (Adj.)	<a href="#">MPDTH03020WAS</a>	<a href="#">PTH03020WAZ</a>	<a href="#">PTH03020WAZ</a>	<a href="#">PMH4518TSR</a>	<a href="#">ATH22T033-9SJL</a>
	5Vin	0.8 ~ 3.6V (Adj.)	<a href="#">MPDTH05020WAS</a>	<a href="#">PTH05020WAZ</a>	<a href="#">PTH05020WAZ</a>	<a href="#">PMH5718TSR</a>	<a href="#">ATH22T05-9SJL</a>
18.0 Amp	12Vin	1.2 ~ 5.5V (Adj.)	<a href="#">MPDTH12020WAS</a>	<a href="#">PTH12020WAZ</a>	<a href="#">PTH12020WAZ</a>	<a href="#">PMH8918LSR</a>	<a href="#">ATH18K12-9SJL</a>
30.0 Amp	3.3Vin	0.8 ~ 2.5V (Adj.)	<a href="#">MPDTH03030WAS</a>	<a href="#">PTH03030WAZ</a>	<a href="#">PTH03030WAZ</a>	<a href="#">PMJ4718TSR</a>	<a href="#">ATH30T033-9SJL</a>
	5Vin	0.8 ~ 3.6V (Adj.)	<a href="#">MPDTH05030WAS</a>	<a href="#">PTH05030WAZ</a>	<a href="#">PTH05030WAZ</a>	<a href="#">PMJ5918TSR</a>	<a href="#">ATH30T05-9SJL</a>
26.0 Amp	12Vin	1.2 ~ 5.5V (Adj.)	<a href="#">MPDTH12030WAS</a>	<a href="#">PTH12030WAZ</a>	<a href="#">PTH12030WAZ</a>	<a href="#">PMJ8118LSR</a>	<a href="#">ATH26K12-9SJL</a>
60.0 Amp	3~5.5Vin	0.8 ~ 3.6V (Adj.)	<a href="#">MPDTH04040WAS</a>	<a href="#">PTH04040WAZ</a>	<a href="#">PTH04040WAZ</a>	<a href="#">PMM4218TWSR</a>	<a href="#">PTH04040WAZ</a>
50.0 Amp	12Vin	1.2 ~ 5.5V (Adj.)	<a href="#">MPDTH12040WAS</a>	<a href="#">PTH12040WAZ</a>	<a href="#">PTH12040WAZ</a>	<a href="#">PMM8218TSR</a>	<a href="#">PTH12040WAZ</a>

### THROUGH - HOLE Package

Point-of-Load Alliance				TI	Artesyn	Ericsson	Astec
Iout	Vin	Vout (nom.)	P/N				
6.0 Amp	3.3Vin	0.8 ~ 2.5V (Adj.)	<a href="#">MPDTH03050WAH</a>	<a href="#">PTH03050WAD</a>	<a href="#">PTH03050WAD</a>	<a href="#">PME4118TP</a>	<a href="#">ATH06T033-9J</a>
		0.55 ~ 1.8V (Vref Adj.)	<a href="#">MPDTH03050YAH</a>	<a href="#">PTH03050YAD</a>	<a href="#">PTH03050YAD</a>	<a href="#">PME4118VPF</a>	<a href="#">PTH03050YAD</a>
	5Vin	0.8 ~ 3.6V (Adj.)	<a href="#">MPDTH05050WAH</a>	<a href="#">PTH05050WAD</a>	<a href="#">PTH05050WAD</a>	<a href="#">PME5218TP</a>	<a href="#">ATH06T05-9J</a>
		0.55 ~ 1.8V (Vref Adj.)	<a href="#">MPDTH05050YAH</a>	<a href="#">PTH05050YAD</a>	<a href="#">PTH05050YAD</a>	<a href="#">PME5118VPF</a>	<a href="#">PTH05050YAD</a>
	12Vin	1.2 ~ 5.5V (Adj.)	<a href="#">MPDTH12050WAH</a>	<a href="#">PTH12050WAD</a>	<a href="#">PTH12050WAD</a>	<a href="#">PME8318LP</a>	<a href="#">ATH06K12-9J</a>
		0.55 ~ 1.8V (Vref Adj.)	<a href="#">MPDTH12050YAH</a>	<a href="#">PTH12050YAD</a>	<a href="#">PTH12050YAD</a>	<a href="#">PME8118VPF</a>	<a href="#">PTH12050YAD</a>
10.0 Amp	3.3Vin	0.8 ~ 2.5V (Adj.)	<a href="#">MPDTH03060WAH</a>	<a href="#">PTH03060WAD</a>	<a href="#">PTH03060WAD</a>	<a href="#">PMF4218TP</a>	<a href="#">ATH10T033-9J</a>
		0.55 ~ 1.8V (Vref Adj.)	<a href="#">MPDTH03060YAH</a>	<a href="#">PTH03060YAD</a>	<a href="#">PTH03060YAD</a>	<a href="#">PMF4118VPF</a>	<a href="#">PTH03060YAD</a>
	5Vin	0.8 ~ 3.6V (Adj.)	<a href="#">MPDTH05060WAH</a>	<a href="#">PTH05060WAD</a>	<a href="#">PTH05060WAD</a>	<a href="#">PMF5318TP</a>	<a href="#">ATH10T05-9J</a>
		0.55 ~ 1.8V (Vref Adj.)	<a href="#">MPDTH05060YAH</a>	<a href="#">PTH05060YAD</a>	<a href="#">PTH05060YAD</a>	<a href="#">PMF5118VPF</a>	<a href="#">PTH05060YAD</a>
	12Vin	1.2 ~ 5.5V (Adj.)	<a href="#">MPDTH12060WAH</a>	<a href="#">PTH12060WAD</a>	<a href="#">PTH12060WAD</a>	<a href="#">PMF8518LP</a>	<a href="#">ATH10K12-9J</a>
		0.55 ~ 1.8V (Vref Adj.)	<a href="#">MPDTH12060YAH</a>	<a href="#">PTH12060YAD</a>	<a href="#">PTH12060YAD</a>	<a href="#">PMF8118VPF</a>	<a href="#">PTH12060YAD</a>
15.0 Amp	3.3Vin	0.8 ~ 2.5V (Adj.)	<a href="#">MPDTH03010WAH</a>	<a href="#">PTH03010WAD</a>	<a href="#">PTH03010WAD</a>	<a href="#">PMG4318TP</a>	<a href="#">ATH15T033-9J</a>
		0.55 ~ 1.8V (Vref Adj.)	<a href="#">MPDTH03010YAH</a>	<a href="#">PTH03010YAD</a>	<a href="#">PTH03010YAD</a>	<a href="#">PMG4218VPF</a>	<a href="#">PTH03010YAD</a>
	5Vin	0.8 ~ 3.6V (Adj.)	<a href="#">MPDTH05010WAH</a>	<a href="#">PTH05010WAD</a>	<a href="#">PTH05010WAD</a>	<a href="#">PMG5518TP</a>	<a href="#">ATH15T05-9J</a>
		0.55 ~ 1.8V (Vref Adj.)	<a href="#">MPDTH05010YAH</a>	<a href="#">PTH05010YAD</a>	<a href="#">PTH05010YAD</a>	<a href="#">PMG5218VPF</a>	<a href="#">PTH05010YAD</a>
	12Vin	1.2 ~ 5.5V (Adj.)	<a href="#">MPDTH12010WAH</a>	<a href="#">PTH12010WAD</a>	<a href="#">PTH12010WAD</a>	<a href="#">PMG8618LP</a>	<a href="#">ATH12K12-9J</a>
		0.55 ~ 1.8V (Vref Adj.)	<a href="#">MPDTH12010YAH</a>	<a href="#">PTH12010YAD</a>	<a href="#">PTH12010YAD</a>	<a href="#">PMG8218VPF</a>	<a href="#">PTH12010YAD</a>
22.0 Amp	3.3Vin	0.8 ~ 2.5V (Adj.)	<a href="#">MPDTH03020WAH</a>	<a href="#">PTH03020WAD</a>	<a href="#">PTH03020WAD</a>	<a href="#">PMH4518TP</a>	<a href="#">ATH22T033-9J</a>
	5Vin	0.8 ~ 3.6V (Adj.)	<a href="#">MPDTH05020WAH</a>	<a href="#">PTH05020WAD</a>	<a href="#">PTH05020WAD</a>	<a href="#">PMH5718TP</a>	<a href="#">ATH22T05-9J</a>
18.0 Amp	12Vin	1.2 ~ 5.5V (Adj.)	<a href="#">MPDTH12020WAH</a>	<a href="#">PTH12020WAD</a>	<a href="#">PTH12020WAD</a>	<a href="#">PMH8918LP</a>	<a href="#">ATH18K12-9J</a>
30.0 Amp	3.3Vin	0.8 ~ 2.5V (Adj.)	<a href="#">MPDTH03030WAH</a>	<a href="#">PTH03030WAD</a>	<a href="#">PTH03030WAD</a>	<a href="#">PMJ4718TP</a>	<a href="#">ATH30T033-9J</a>
	5Vin	0.8 ~ 3.6V (Adj.)	<a href="#">MPDTH05030WAH</a>	<a href="#">PTH05030WAD</a>	<a href="#">PTH05030WAD</a>	<a href="#">PMJ5918TP</a>	<a href="#">ATH30T05-9J</a>
26.0 Amp	12Vin	1.2 ~ 5.5V (Adj.)	<a href="#">MPDTH12030WAH</a>	<a href="#">PTH12030WAD</a>	<a href="#">PTH12030WAD</a>	<a href="#">PMJ8118LP</a>	<a href="#">ATH26K12-9J</a>
60.0 Amp	3~5.5Vin	0.8 ~ 3.6V (Adj.)	<a href="#">MPDTH04040WAH</a>	<a href="#">PTH04040WAD</a>	<a href="#">PTH04040WAD</a>	<a href="#">PMM4218TWP</a>	<a href="#">PTH04040WAD</a>
50.0 Amp	12Vin	1.2 ~ 5.5V (Adj.)	<a href="#">MPDTH12040WAH</a>	<a href="#">PTH12040WAD</a>	<a href="#">PTH12040WAD</a>	<a href="#">PMM8218TP</a>	<a href="#">PTH12040WAD</a>

\*1 (All cross references are subject to change without notice.)

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\*2 (Please confirm the suppliers before qualifying on the basis of second source availability.)

<http://www.murata.com/power/index.html>