



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

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

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

Updated 10/24/2007

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

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