

## PRODUCT DISCONTINUANCE NOTICE

October 31, 2014

Dear Customer,

Murata Power Solutions (MPS) hereby gives official notification that the following product(s) you may have purchased from us are becoming discontinued with immediate effect:

Via this notice we are offering our existing customers for these products the opportunity for a last time buy (LTB) and we will accept orders until March 31, 2015. Please note that this LTB may be subject to a minimum order quantity. Multiple releases will be accepted with a constraint that no releases may be scheduled past a ship date of September 30, 2015. Once placed, LTB orders cannot be canceled, rescheduled, or returned for any reason other than product quality. Quality issues need to be identified and communicated within 30 days of shipment.

To assist you with choosing an alternate part number we have listed pin to pin Compatible Recommended Alternate part numbers below. In some cases there is more than one Recommended Alternate part number to provide you with more than one choice for your system requirements.

Should you have any questions or concerns please contact your local Representative, Distributor, or Regional Sales Manager at <http://www.murata.com/en-us/support/locations/americas/find>.

For technical questions or design-related issues please contact our Applications Engineer for your area.

### Applications Engineers/Technical Support:

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EOL Product	Recommended Alternate		Recommended Alternate		Non-pin compatible alternate
	Product	Remarks	Product	Remarks	Product
MAPC-104	None		None		None
MAPC-104-5V	None		None		None
MAPC-104-5V-C	None		None		None
MAPC-104-C	None		None		None
MAPC-104-Y	None		None		None
MAPC-104-Y-CIS	None		None		None
RBC-12/17-D48NB-C	UWQ-12/17-Q48NB-C	4:1 input	RBE-12/20-D48NB-C	1/8 brick	None
RBC-12/17-D48N-C	UWQ-12/17-Q48N-C	4:1 input	RBE-12/20-D48N-C	1/8 brick	None
RBC-12/17-D48PB-C	UWQ-12/17-Q48PB-C	4:1 input	RBE-12/20-D48PB-C	1/8 brick	None
RBC-12/17-D48P-C	UWQ-12/17-Q48P-C	4:1 input	RBE-12/20-D48P-C	1/8 brick	None
TWR-31065	None		None		None
UHE-12/2500-D12	UHE-12/2500-D12-C		UEI30-120-Q12P-C	4:1 input, open frame package	None
UHE-12/2500-D12N	UEI30-120-Q12N-C	4:1 input, open frame package	None		None
UHE-12/2500-D12N-C	UEI30-120-Q12N-C	4:1 input, open frame package	None		None
UHE-12/2500-D24	UEI30-120-Q12P-C	4:1 input, open frame package	None		None
UHE-12/2500-D24N	UEI30-120-Q12N-C	4:1 input, open frame package	None		None
UHE-12/2500-D24N-C	UEI30-120-Q12N-C	4:1 input, open frame package	None		None
UHE-12/2500-D48	UEI30-120-Q48P-C	4:1 input, open frame package	None		None
UHE-12/2500-D48N	UEI30-120-Q48N-C	4:1 input, open frame package	None		None
UHE-12/2500-D48N-C	UEI30-120-Q48N-C	4:1 input, open frame package	None		None
UHE-12/2500-Q12	UEI30-120-Q12P-C	Open frame package	None		None

EOL Product	Recommended Alternate		Recommended Alternate		Non-pin compatible alternate
	Product	Remarks	Product	Remarks	Product
UHE-12/2500-Q12N	UEI30-120-Q12N-C	Open frame package	None		None
UHE-12/2500-Q12N-C	UEI30-120-Q12N-C	Open frame package	None		None
UHE-12/2500-Q48	UEI30-120-Q48P-C	Open frame package	None		None
UHE-12/2500-Q48N	UEI30-120-Q48N-C	Open frame package	None		None
UHE-12/2500-Q48N-C	UEI30-120-Q48N-C	Open frame package	None		None
UHE-12/2500-Q48-Y	None		None		None
UHE-15/2000-D12	UEI30-150-Q12P-C	4:1 input, open frame package	None		None
UHE-15/2000-D12N	UEI30-150-Q12N-C	4:1 input, open frame package	None		None
UHE-15/2000-D12N-C	UEI30-150-Q12N-C	4:1 input, open frame package	None		None
UHE-15/2000-D24	UEI30-150-Q12P-C	4:1 input, open frame package	None		None
UHE-15/2000-D24N	UEI30-150-Q12N-C	4:1 input, open frame package	None		None
UHE-15/2000-D24N-C	UEI30-150-Q12N-C	4:1 input, open frame package	None		None
UHE-15/2000-D48	UEI30-150-Q48P-C	4:1 input, open frame package	None		None
UHE-15/2000-D48N	UEI30-150-Q48N-C	4:1 input, open frame package	None		None
UHE-15/2000-D48N-C	UEI30-150-Q48N-C	4:1 input, open frame package	None		None
UHE-15/2000-Q12	UEI30-150-Q12P-C	Open frame package	None		None
UHE-15/2000-Q12N	UEI30-150-Q12N-C	Open frame package	None		None
UHE-15/2000-Q48	UEI30-150-Q48P-C	Open frame package	None		None
UHE-15/2000-Q48N	UEI30-150-Q48N-C	Open frame package	None		None
UHE-15/2000-Q48N-C	UEI30-150-Q48N-C	Open frame package	None		None
UHE-3.3/7500-D48	UEI30-033-Q48P-C	4:1 input, open frame	None		None

EOL Product	Recommended Alternate		Recommended Alternate		Non-pin compatible alternate
	Product	Remarks	Product	Remarks	Product
		package			
UHE-3.3/7500-D48N	UEI30-033-Q48N-C	4:1 input, open frame package	None		None
UHE-3.3/7500-D48N-31016	None		None		None
UHE-3.3/7500-D48N-C	UEI30-033-Q48N-C	4:1 input, open frame package	None		None
UHE-3.3/7500-D48NR-C	UEI-3.3/18-Q48NR-C	4:1 input, open frame package	None		None
UHE-3.3/7500-D48R-C	UEI-3.3/18-Q48PR-C	4:1 input, open frame package	None		None
UHE-3.3/7500-D48T	None		None		None
UHE-3.3/7500-D48T-31137-Y	None		None		None
UHE-3.3/7500-D48T-C	None		None		None
UHE-3.3/7500-D48THL2-C	None		None		None
UHE-3.3/7500-D48THL2-C-HW	None		None		None
UHE-3.3/7500-D48THL2-Y	None		None		None
UHE-3.3/7500-Q12	UEI30-033-Q12P-C	Open frame package	None		None
UHE-3.3/7500-Q12N	UEI30-033-Q12N-C	Open frame package	None		None
UHE-3.3/7500-Q12N-C	UEI30-033-Q12N-C	Open frame package	None		None
UHE-3.3/7500-Q12NR	UEI-3.3/15-Q12NR-C	4:1 input, open frame package	None		None
UHE-3.3/7500-Q12NR-C	UEI-3.3/15-Q12NR-C	4:1 input, open frame package	None		None
UHE-3.3/7500-Q12R	UEI-3.3/15-Q12PR-C	4:1 input, open frame package	None		None
UHE-3.3/7500-Q12R-C	UEI-3.3/15-Q12PR-C	4:1 input, open frame package	None		None
UHE-3.3/7500-Q48	UEI30-033-Q48P-C	Open frame package	None		None
UHE-3.3/7500-Q48N	UEI30-033-Q48N-C	Open frame package	None		None
UHE-3.3/7500-Q48N-C	UEI30-033-Q48N-C	Open frame package	None		None
UHE-3.3/7500-Q48NR-C	UEI-3.3/18-Q48NR-C	Open frame package	None		None

EOL Product	Recommended Alternate		Recommended Alternate		Non-pin compatible alternate
	Product	Remarks	Product	Remarks	Product
UHE-3.3/7500-Q48R-C	UEI-3.3/18-Q48PR-C	Open frame package	None		None
UHE-30827	UHE-30827-C		None		None
UHE-30952	None		None		None
UHE-30980	None		None		None
UHE-30984	None		None		None
UHE-30987	None		None		None
UHE-31003	None		None		None
UHE-31003-C	None		None		None
UHE-31004	None		None		None
UHE-31004-C	None		None		None
UHE-31006	None		None		None
UHE-31007	None		None		None
UHE-31048	None		None		None
UHE-31075-C	None		None		None
UHE-31080	None		None		None
UHE-31118-C	None		None		None
UHE-31119-C	None		None		None
UHE-31148-C	None		None		None
UHE-31148-Y	None		None		None
UHE-31226-C	None		None		None
UHE-31247-C	None		None		None
UHE-5/5000-Q12	UEI30-050-Q12P-C	Open frame package	None		None
UHE-5/5000-Q12N	UEI30-050-Q12N-C	Open frame package	None		None
UHE-5/5000-Q12N-C	UEI30-050-Q12N-C	Open frame package	None		None
UHE-5/5000-Q12NR	UEI-5/10-Q12NR-C	Open frame package	None		None
UHE-5/5000-Q12NR-C	UEI-5/10-Q12NR-C	Open frame package	None		None
UHE-5/5000-Q12R	UEI-5/10-Q12PR-C	Open frame package	None		None
UHE-5/5000-Q12R-C	UEI-5/10-Q12PR-C	Open frame package	None		None
UHE-5/5000-Q48	UEI30-050-Q48P-C	Open frame package	None		None
UHE-5/5000-Q48N	UEI30-050-Q48N-C	Open frame package	None		None
UHE-5/5000-Q48N-C	UEI30-050-Q48N-C	Open frame package	None		None

EOL Product	Recommended Alternate		Recommended Alternate		Non-pin compatible alternate
	Product	Remarks	Product	Remarks	Product
UHE-5/5000-Q48NR	UEI-5/12-Q48NR-C	Open frame package	None		None
UHE-5/5000-Q48NR-C	UEI-5/12-Q48NR-C	Open frame package	None		None
UHE-5/5000-Q48R	UEI-5/12-Q48PR-C	Open frame package	None		None
UHE-5/5000-Q48R-C	UEI-5/12-Q48PR-C	Open frame package	None		None
UHE-5/6000-D48N-30749-Y	None		None		None
UHE-5/6000-D48N-C	UEI30-050-Q48N-C	Open frame package	None		None
UHE-5/6000-D48NR	UEI-5/12-Q48NR-C	4:1 input, open frame package	None		None
UHE-5/6000-D48NR-C	UEI-5/12-Q48NR-C	4:1 input, open frame package	None		None
UHE-5/6000-D48R	UEI-5/12-Q48PR-C	4:1 input, open frame package	None		None
UHE-5/6000-D48R-C	UEI-5/12-Q48PR-C	4:1 input, open frame package	None		None
UHE-5/6000-D48T-31136-C	None		None		None
UHE-5/6000-D48T-31136-Y	None		None		None
UHE-5/6000-D48T-C	None		None		None
UHE-5/6000-D48THL2-C	None		None		None
UHE-5/6000-D48THL2-C-HW	None		None		None
UHE-5/6000-D48THL2-Y	None		None		None
UHE-5/6000-D48-Y	None		None		None
UHE-5/6000-D48-Y-CIS	None		None		None
UHE-5/6000-Q12N	UEI30-050-Q12N-C	Open frame package	None		None
UHE-5/6000-Q12N-C	UEI30-050-Q12N-C	Open frame package	None		None
UHE-5/6000-Q48T-C	None		None		None
ULE-1.2/30-D48N-C	None		None		None
ULE-1.2/30-D48P-C	None		None		None
ULE-1.5/20-D24N-C	None		None		None
ULE-1.5/20-D24NM-C	None		None		None
ULE-1.5/20-D24P-C	None		None		None
ULE-1.5/20-D24PM-C	None		None		None
ULE-1.5/20-D48N-C	None		None		None
ULE-1.5/20-D48NM	None		None		None

EOL Product	Recommended Alternate		Recommended Alternate		Non-pin compatible alternate
	Product	Remarks	Product	Remarks	Product
ULE-1.5/20-D48NM-C	None		None		None
ULE-1.5/20-D48P-C	None		None		None
ULE-1.5/20-D48PM	None		None		None
ULE-1.5/20-D48PM-C	None		None		None
ULE-1.8/20-D24N-C	None		None		None
ULE-1.8/20-D24NM-C	None		None		None
ULE-1.8/20-D24P-C	None		None		None
ULE-1.8/20-D24PM-C	None		None		None
ULE-1.8/20-D48N-C	None		None		None
ULE-1.8/20-D48NL2-C	None		None		None
ULE-1.8/20-D48NM-C	None		None		None
ULE-1.8/20-D48P	None		None		None
ULE-1.8/20-D48P-C	None		None		None
ULE-1.8/20-D48PM-C	None		None		None
ULE-12/4.2-D24NM-C	None		None		None
ULE-12/4.2-D24PM-C	None		None		None
ULE-12/4.2-D48NM-C	UEE-12/12.5-D48NM-C	Straight SMT pins instead of gull wing.	None		None
ULE-12/4.2-D48PM-C	UEE-12/12.5-D48PM-C	Straight SMT pins instead of gull wing.	None		None
ULE-2.5/20-D24N-C	None		None		None
ULE-2.5/20-D24PM	None		None		None
ULE-2.5/20-D24PM-C	None		None		None
ULE-2.5/20-D48N-C	None		None		None
ULE-2.5/20-D48NL2	None		None		None
ULE-2.5/20-D48NM-C	None		None		None
ULE-2.5/20-D48P-C	None		None		None
ULE-2.5/20-D48PM	None		None		None
ULE-2.5/20-D48PM-C	None		None		None
ULE-3.3/20-D12NM-C	None		None		None
ULE-3.3/20-D12PM	None		None		None
ULE-3.3/20-D12PM-C	None		None		None
ULE-3.3/20-D24PM-C	None		None		None
ULE-3.3/20-D48NM-C	UEE-3.3/25-D48NM-C	Straight SMT pins instead of gull wing.	None		None

EOL Product	Recommended Alternate		Recommended Alternate		Non-pin compatible alternate
	Product	Remarks	Product	Remarks	Product
ULE-3.3/20-D48PM-C	UEE-3.3/25-D48PM-C	Straight SMT pins instead of gull wing.	None		None
ULE-31103	None		None		None
ULE-31104	None		None		None
ULE-31106	None		None		None
ULE-31131-C	None		None		None
ULE-31131-Y	None		None		None
ULE-31199-C	None		None		None
ULE-48/1.25-D48NM-C	None		None		None
ULE-48/1.25-D48PM-C	None		None		None
ULE-5/10-D12N-C	UWE-5/15-Q12N-C	4:1 input	None		None
ULE-5/10-D12NM	None		None		None
ULE-5/10-D12NM-C	None		None		None
ULE-5/10-D12P-C	UWE-5/15-Q12P-C	4:1 input	None		None
ULE-5/10-D12PM-C	None		None		None
ULE-5/12-D24PM	None		None		None
ULE-5/12-D24PM-C	None		None		None
ULE-5/12-D48NM-C	UEE-5/30-D48NM-C	Straight SMT pins instead of gull wing.	None		None
ULE-5/12-D48PM-C	UEE-5/30-D48PM-C	Straight SMT pins instead of gull wing.	None		None
ULQ-12/10-D48NM-C	UEE-12/12.5-D48NM-C	Straight SMT pins instead of gull wing.	None		None
ULQ-12/10-D48PM-C	UEE-12/12.5-D48PM-C	Straight SMT pins instead of gull wing.	None		None
ULQ-12/8-D24NM-C	None		None		None
ULQ-12/8-D24PM-C	None		None		None
ULQ-3.3/15-D48NM-C	UEE-3.3/15-D48NM-C	Straight SMT pins instead of gull wing.	None		None
ULQ-3.3/15-D48PM-C	UEE-3.3/15-D48PM-C	Straight SMT pins instead of gull wing.	None		None
ULQ-3.3/20-D24NM-C	None		None		None
ULQ-3.3/20-D24PM-C	None		None		None
ULQ-3.3/20-D48NM-C	UEE-3.3/25-D48NM-C	Straight SMT pins instead of gull wing.	None		None



EOL Product	Recommended Alternate		Recommended Alternate		Non-pin compatible alternate
	Product	Remarks	Product	Remarks	Product
ULQ-3.3/20-D48PM-C	UEE-3.3/25-D48PM-C	Straight SMT pins instead of gull wing.	None		None
ULQ-31031	None		None		None
ULQ-31031-C	None		None		None
ULQ-5/15-D24NB	UWE-5/15-Q12NB-C	1/8 brick, 4:1 input	None		None
ULQ-5/15-D24NM-C	None		None		None
ULQ-5/15-D24PB	UWE-5/15-Q12PB-C	1/8 brick, 4:1 input	None		None
ULQ-5/15-D24PM-C	None		None		None
ULQ-5/15-D48NM-C	UEE-5/30-D48NM-C	Straight SMT pins instead of gull wing.	None		None
ULQ-5/15-D48PM-C	UEE-5/30-D48PM-C	Straight SMT pins instead of gull wing.	None		None
UVQ-1.5/40-D24NB-C	None		None		None
UVQ-1.5/40-D24N-C	None		None		None
UVQ-1.5/40-D24PB-C	None		None		None
UVQ-1.5/40-D24P-C	None		None		None
UVQ-2.5/35-D24N	None		None		None
UVQ-2.5/35-D24NB-C	None		None		None
UVQ-2.5/35-D24N-C	None		None		None
UVQ-2.5/35-D24P	None		None		None
UVQ-2.5/35-D24PB	None		None		None
UVQ-2.5/35-D24PB-C	None		None		None
UVQ-2.5/35-D24P-C	None		None		None
UVQ-2.5/40-D48NB-C	None		None		None
UVQ-2.5/40-D48N-C	None		None		None
UVQ-2.5/40-D48PB	None		None		None
UVQ-2.5/40-D48PB-C	None		None		None
UVQ-2.5/40-D48P-C	None		None		None
UVQ-3.3/30-D24NB-C	None		None		None
UVQ-3.3/30-D24N-C	None		None		None
UVQ-3.3/30-D24PB-C	None		None		None
UVQ-3.3/30-D24P-C	None		None		None
UVQ-3.3/35-D48NB-C	UEE-3.3/45-D48NB-C	1/8 brick package	None		None
UVQ-3.3/35-D48N-C	UEE-3.3/45-D48N-C	1/8 brick package	None		None
UVQ-3.3/35-D48PB-C	UEE-3.3/45-D48PB-C	1/8 brick	None		None

EOL Product	Recommended Alternate		Recommended Alternate		Non-pin compatible alternate
	Product	Remarks	Product	Remarks	Product
		package			
UVQ-3.3/35-D48P-C	UEE-3.3/45-D48P-C	1/8 brick package	None		None
UVQ-31076-C	None		None		None
UVQ-31108	None		None		None
UVQ-31128-C	None		None		None
UVQ-31177-C	None		None		None
UVQ-31186-C	None		None		None
UWR-30548	UWR-30548-C		None		None
UWR-30832	UWR-30832-C		None		None
LSM2-T/6-D12-C	None		None		OKL2-T/6-W12
LSM-T/16-W3-C	None		None		OKL-T/20-W5
LSN-1.8/10-D3HJHL2-C	None		None		None
LSN-2.5/10-D12J-C	None		None		OKX-T/10-D12
LSN-3.3/10-D12J-C	None		None		OKX-T/10-D12
LSN-3.3/10-D5HJHL2-C-HW	None		None		None
LSN-3.3/10-D5HJHL2-Y	None		None		None
LSN-T/10-D12J-Y	None		None		OKX-T/10-D12
LSN-T/16-W3HHL2-C-HW	None		None		None
LSN-T/16-W3HHL2-Y	None		None		None
OKX2-T/10-D12NJ-C	None		None		OKX2-T/10-D12N-C
OKX2-T/10-W5NJ-C	None		None		OKX2-T/10-W5N-C
OKX2-T/16-D12NJ-C	None		None		OKX2-T/16-D12N-C
OKX-T/10-D12NJ-C	None		None		OKX-T/10-D12N-C
OKX-T/10-W5NJ-C	None		None		OKX-T/10-W5N-C
OKX-T/16-D12NJ-C	None		None		OKX-T/16-D12N-C
OKX-T/16-D12PJ-C	None		None		OKX-T/16-D12P-C
OKX-T/16-W5NJ-C	None		None		OKX-T/16-W5N-C
VR110-31121C	None		None		None
VR110B080CA-1C	None		None		None
VR110B080CU-1C	None		None		None
VR110B150CL-1C	None		None		None
VR110B150CS-1C	None		None		None
VR110B150CU-1C	None		None		None
VR11C-31120C	None		None		None

EOL Product	Recommended Alternate		Recommended Alternate		Non-pin compatible alternate
	Product	Remarks	Product	Remarks	Product
VR11CB080CA-1C	None		None		None
VR11CB080CE-1C	None		None		None
VR11CB080CU-1C	None		None		None
VR11CB150CS-1C	None		None		None
VR11CB150CU-1C	None		None		None
VR11EB080CU-1C	None		None		None
CPCI200A-1C	None		None		None