Production By Country

	Snap-in terminal type aluminum electrolytic capacitors	Screw terminal type aluminum electrolytic capacitors	Radial leaded type electrolytic capacitors	Surface mount type electrolytic capacitors	Electric double layer capacitors	Conductive polymer aluminum solid electrolytic capacitors	Film capacitors
Japan	•	•	•	•	•	•	•
China	•	•	•	•		•	
Malaysia	•		•	•			

Note: Please confirm when ordering because manufacturing locations or part availability may change.

Standard Process for Custom Product Development

We offer products optimized to meet our customers' application, size and other design needs.



Product development





Handled by our sales offices

Acceptance application



Design Product proposal

Handled by technical departments at our plants

Circuit design Request for quote



Receipt of sample order/production Price quote

Handled by technical departments at our plants, and our sales offices

Demonstration testing Ordering decision Evaluation and approval Agreement Spec registration



Sample shipment Order receipt Production of Mass production delivery specification

Handled by production department, and our sales offices

Note: Please confirm product development details with your local sales representative or Nichicon (America) Corporation

Handled by technical

departments at our plants, QC

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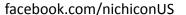
NICHICON (AUSTRIA) GmbH Businesspark Marximum, Modecenterstrasse 17, Unit 2-7-A,

1110 Vienna, Austria TEL.43-1-706-7932 FAX.43-1-706-7933

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SAFETY PRECAUTIONS

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Power Electronics Applications Catalog



Recommended Series for Use in Power Electronics



Optimizing Your Capacitor Choices

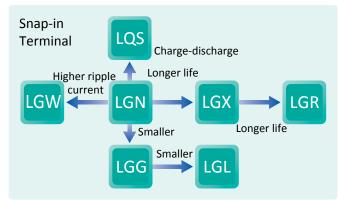
Product Types	Dry film capacitors	Comparison	Aluminum		
Performance categories			electrolytic capacitors		
High voltage	Customizable	>	- 630V (NX Series)		
Maximum allowable working temperature	105°C	_	105°C		
Capacitance range	Narrow	<	Wide		
Capacity unit price	High	<	Inexpensive		
Capacity tolerance :	±3% to ±10%	>	±10% to ±20%		
Loss temperature/frequency response characteristics	Low rate of variability	>	High rate of variability		
Ripple current durability	Large	>	Small		
Liquid Electrolyte	Not used	_	Used		
Shape	Flexible	_	Basic shape is circular		
Polarity	Non-polar	_	Generally polarized		

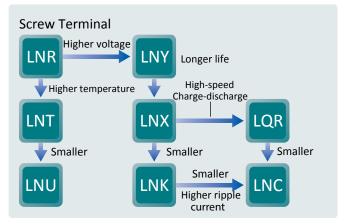
Film Capacitors

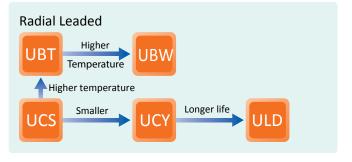


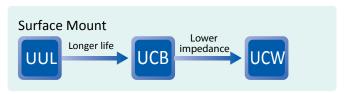
Power Electronics Capacitor Series Diagram

Aluminum Electrolytic Capacitors









Electric Double Layer Capacitors



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