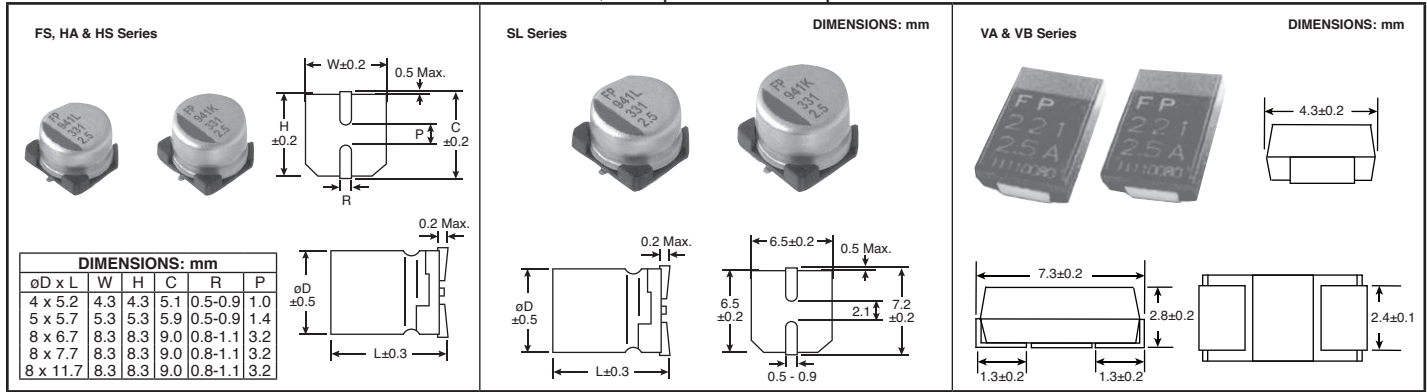


NICHICON SMD FPCAP Polymer Electrolytic Capacitors



This product is RoHS compliant.

nichicon



FS SERIES - LOW ESR AND LARGE CAPACITANCE

- Features:**
- Low ESR at a high frequency range
 - High ripple current capability
 - Load life of 2000 hours at 105°C

- Specifications:**
- Temperature Range: -55°C to +105°C
 - Tolerance: ±20% at 120Hz, 20°C



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Nichicon Part No.	Value (µF)	Case Size DxL (mm) (Max)	ESR (at 100kHz 20°C)	Price Each			
					1	10	100	500
2.5V								
647-RFS0E181MCN1GS	RFS0E181MCN1GS	180	5 x 5.7	21	1.03	.863	.426	.388
4V								
647-RFS0G101MCN1GS	RFS0G101MCN1GS	100	5 x 5.7	22	1.03	.863	.426	.388
647-RFS0G151MCN1GS	RFS0G151MCN1GS	150	5 x 5.7	22	1.03	.863	.426	.388
6.3V								
647-RFS0J470MCN1GS	RFS0J470MCN1GS	47	5 x 5.7	30	.98	.83	.409	.372
647-RFS0J101MCN1GS	RFS0J101MCN1GS	100	5 x 5.7	24	.98	.83	.409	.372
647-RFS0J121MCN1GS	RFS0J121MCN1GS	120	5 x 5.7	24	1.04	.869	.431	.393
10V								
647-RFS1A100MCN1GB	RFS1A100MCN1GB	10	4 x 5.2	220	.96	.809	.398	.362
647-RFS1A680MCN1GS	RFS1A680MCN1GS	68	5 x 5.7	30	1.04	.869	.431	.393
16V								
647-RFS1C330MCN1GS	RFS1C330MCN1GS	33	5 x 5.3	35	3.30	2.77	1.37	1.25
647-RFS1C390MCN1GS	RFS1C390MCN1GS	39	5 x 5.3	35	3.68	3.09	1.53	1.39
25V								
647-RFS1C220MCN1GS	RFS1C220MCN1GS	22	5 x 5.3	40	3.57	3.00	1.49	1.35
647-RFS1E220MCN1GS	RFS1E220MCN1GS	22	5 x 5.3	22	3.17	2.67	1.32	1.20

SL SERIES - LOW PROFILE, LOW ESR AND LARGE CAPACITANCE

- Features:**
- Low ESR at a high frequency range
 - High ripple current capability
 - Low profile type (Height: 4.5mm and 5mm Max)

- Specifications:**
- Temperature Range: -55°C to +105°C
 - Tolerance: ±20% at 120Hz, 20°C

These items are also available in bulk. Please contact your customer service representative for assistance.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Nichicon Part No.	Value (µF)	Case Size DxL (mm) (Max)	ESR (at 100kHz 20°C)	Price Each			
					1	10	100	500
2.5V								
647-RSLOE101MCN1GB	RSLOE101MCN1GB	100	6.3 x 4.2	16	1.18	1.00	.588	.55
647-RSLOE221MCN1GB	RSLOE221MCN1GB	220	6.3 x 4.2	16	1.21	1.02	.604	.565
647-RSLOE331MCN1GB	RSLOE331MCN1GB	330	6.3 x 4.2	16	1.16	.968	.62	.578
6.3V								
647-RSLOJ101MCN1GB	RSLOJ101MCN1GB	100	6.3 x 4.2	18	1.18	1.00	.588	.55
647-RSLOJ151MCN1GB	RSLOJ151MCN1GB	150	6.3 x 4.2	18	1.20	1.01	.598	.559
647-RSLOJ221MCN1GB	RSLOJ221MCN1GB	220	6.3 x 4.2	18	1.12	.937	.602	.562
16V								
647-RSL1C150MCN1GB	RSL1C150MCN1GB	150	6.3 x 4.2	45	1.41	1.16	.821	.764

HA & HS SERIES - LOW ESR AND LARGE CAPACITANCE

- Features:**
- Low ESR at a high frequency range
 - High ripple current capability
 - Load life of 2000 hours at 105°C

- Specifications:**
- Temperature Range: -55°C to +105°C
 - Tolerance: ±20% at 120Hz, 20°C

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Nichicon Part No.	Value (µF)	Case Size DxL (mm) (Max)	ESR (at 100kHz 20°C)	Price Each			
					1	10	100	500
2.5V								
647-RHA0E681MCN1GS	RHA0E681MCN1GS	680	8 x 6.7	8	1.09	.925	.543	.508
647-RHA0E821MCN1GS	RHA0E821MCN1GS	820	8 x 6.7	8	1.14	.97	.568	.531
647-RHA0E102MCN1GS	RHA0E102MCN1GS	1000	8 x 7.7	8	1.15	.968	.619	.534
4V								
647-RHA0G561MCN1GS	RHA0G561MCN1GS	560	8 x 6.7	8	1.14	.97	.571	.534
647-RHA0G681MCN1GS	RHA0G681MCN1GS	680	8 x 7.7	8	1.09	.914	.583	.532
6.3V								
647-RHA0J331MCN1GS	RHA0J331MCN1GS	330	8 x 6.7	9	1.09	.925	.543	.508
647-RHA0J391MCN1GS	RHA0J391MCN1GS	390	8 x 6.7	9	1.14	.97	.571	.534
647-RHA0J471MCN1GS	RHA0J471MCN1GS	470	8 x 6.7	9	1.14	.97	.571	.534
647-RHA0J561MCN1GS	RHA0J561MCN1GS	560	8 x 7.7	9	1.09	.914	.583	.532
16V								
647-RHA1C151MCN1GS	RHA1C151MCN1GS	150	8 x 6.7	22	1.09	.917	.585	.521

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Nichicon Part No.	Value (µF)	Case Size DxL (mm) (Max)	ESR (at 100kHz 20°C)	Price Each			
					1	10	100	500
2.5V								
647-RHS0E821MCN1GS	RHS0E821MCN1GS	820	8 x 11.7	9	1.34	1.11	.716	.655
647-RHS0E152MCN1GS	RHS0E152MCN1GS	1500	8 x 11.7	9	1.32	1.07	.765	.693
4V								
647-RHS0G561MCN1GS	RHS0G561MCN1GS	560	8 x 6.7	16	1.12	.947	.557	.521
647-RHS0G122MCN1GS	RHS0G122MCN1GS	1200	8 x 11.7	9	1.34	1.09	.778	.704
647-RHS0G152MCN1GS	RHS0G152MCN1GS	1500	8 x 11.7	12	1.48	1.21	.861	.784
6.3V								
647-RHS0J391MCN1GS	RHS0J391MCN1GS	390	8 x 6.7	18	1.09	.927	.543	.506
647-RHS0J821MCN1GS	RHS0J821MCN1GS	820	8 x 11.7	10	1.33	1.11	.713	.654
647-RHS0J102MCN1GS	RHS0J102MCN1GS	1000	8 x 11.7	10	1.32	1.07	.764	.692
10V								
647-RHS1A151MCN1GS	RHS1A151MCN1GS	150	8 x 6.7	25	1.17	.988	.577	.54

VA & VB SERIES - LOW ESR

- Features:**
- Low ESR at a high frequency range
 - High ripple current capability

- Specifications:**
- Temperature Range: -55°C to +105°C
 - Tolerance: ±20% at 120Hz, 20°C



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Nichicon Part No.	Value (µF)	Case Size DxL (mm) (Max)	ESR (at 100kHz 20°C)	Price Each			
					1	10	100	500
2.5V								
647-RVA0E221MNG	RVAA0E221MNG	220	4.3 x 7.3	18	1.10	.90	.64	.60
4.0V								
647-RVA0G151MNG	RVAA0G151MNG	150	4.3 x 7.3	18	1.10	.90	.64	.60
6.3V								
647-RVA0J101MNG	RVAA0J101MNG	100	4.3 x 7.3	25	1.10	.90	.64	.60
16V								
647-RVA1C270MNG	RVAA1C270MNG	27	4.3 x 7.3	55	1.77	1.45	1.03	.96
647-RVA1C330MNG	RVAA1C330MNG	33	4.3 x 7.3	55	1.78	1.46	1.04	.97
25V								
647-RVA1E150MNG	RVAA1E150MNG	15	4.3 x 7.3	60	1.77	1.45	1.03	.96

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Nichicon Part No.	Value (µF)	Case Size DxL (mm) (Max)	ESR (at 100kHz 20°C)	Price Each			
					1	10	100	500
2.5V								
647-RVB0E221MNG	RVB0E221MNG	220	4.3 x 7.3	15	1.39	1.14	.81	.76
4.0V								
647-RVB0G151MNG	RVB0G151MNG	150	4.3 x 7.3	15	1.57	1.28	.92	.85
6.3V								
647-RVB0J101MNG	RVB0J101MNG	100	4.3 x 7.3	20	1.57	1.28	.92	.85