



# Passive Component

SELECTION GUIDE



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# Viking Tech Corp

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Viking Taiwan Headquarter



# Power Inductor



	Series	PN	Product	Size	Inductance	Tol	IDC	DCR
SMD Power Inductor	Shielding	SCDB2D12		2D12	1.2uH~22uH	±20%, ±30%	0.22A-0.85A	0.117Ω~1.65Ω
		SCDB2D15		2D15	2.2uH~33uH		0.25A-1A	0.15Ω~2.2Ω
		SCDB2D18		2D18	2.2uH~47uH		0.23A-1.1A	0.117Ω~1.82Ω
		SDRH0830		0830	1uH~100uH	±30%	0.75A-6.5A	0.039Ω~0.43Ω
		SDRH0840		0840	1.8uH~100uH		0.88A-6.5A	0.032Ω~0.41Ω
		SDRH0845		0845	1uH~100uH		1.3A-8.5A	0.025Ω~0.36Ω
		SCDA2D10		2D10	1.2uH~47uH	±20%, ±30%	0.18A-1.4A	0.007Ω~2.43Ω
		SCDA2D15L		2D15L	1uH~18uH		0.3A-1.4A	.038Ω~0.489Ω
		SCDA2D15H		2D15H	0.47uH~100uH		0.24A-3.4A	0.004Ω~3.84Ω
		SCDA2D18L		2D18L	1uH~27uH		0.22A-1.36A	.038Ω~0.49Ω
		SCDA2D18H		2D18H	1uH~33uH		0.47A-3A	.045Ω~1.125Ω
		SCDA3D12		3D12	1uH~33uH		0.42A-3A	.045Ω~1.165Ω
		SCDA3D15	3D15	0.5uH~47uH	0.34A-3.9A	0.035Ω~1.15Ω		
		SCDA3D18	3D18	1uH~100uH	0.26A-3.2A	0.038Ω~1.38Ω		
		SCDS3D18		3D18	1uH~220uH	±20%, ±30%	0.13A-2.4A	0.005Ω~4.77Ω
		SCDS4D18		4D18	1uH~220uH		0.13A-1.72A	0.045Ω~4.3Ω
		SCDS4D22		4D22	1.5uH~150uH		0.21A-2A	0.018Ω~1.35Ω
		SCDS4D28		4D28	1.2uH~220uH		0.21A-2.56A	0.024Ω~2Ω
		SCDS5D18		5D18	2.2uH~470uH		0.18A-2.3A	0.039Ω~6.56Ω
		SCDS5D28		5D28	2.2uH~680uH		0.18A-2.6A	0.018Ω~4.5Ω
	SCDS6D28	6D28		1uH~330uH	0.35A-6.15A		0.012Ω~2Ω	
	SCDS6D38	6D38		1uH~330uH	0.39A-5.6A		0.016Ω~1.25Ω	
	PCF4010		4010	1uH~180uH	±20%, ±30%	0.110~1.60A	0.006Ω~9.5Ω	
	PCF4020		4020	0.47uH~1800uH		0.036~1.84A	.017Ω~57.62Ω	
	PCF4030		4030	1.5uH~560uH		0.090~1.90A	0.015Ω~4.62Ω	
	PCF5010		5010	1.2uH~1000uH		0.067~1.77A	.005Ω~45.07Ω	
	PCF5020		5020	1uH~820uH		0.120~2.70A	0.003Ω~15Ω	
	PCF5030		5030	1uH~2500uH		0.045~4.00A	0.015Ω~20Ω	
	PCF6915		6915	1uH~820uH		0.100~3.28A	.005Ω~28.41Ω	
	PCF6919		6919	0.36uH~1500uH		0.095~8.00A	.015Ω~36.72Ω	
	PCF7040	7040	0.36uH~1000uH	0.180~9.24A	0.005Ω~6Ω			
	PDRH0302		0302	0.47uH~1800uH	±20%, ±30%	0.036A-1.84A	.017Ω~57.62Ω	
	PDRH0303		0303	1uH~3300uH		0.026A-1.9A	.009Ω~22.04Ω	
	PDRH0502		0502	0.47uH~820uH		0.12A-2.33A	0.015Ω~15Ω	
	PDRH0503		0503	0.47uH~2500uH		0.045A-4.82A	0.010Ω~20Ω	
	PDRH0603		0603	1uH~3300uH		0.078A-4.7A	0.013Ω~22.1Ω	
	Power Choke	SDB0420		0420	0.10uH~3.3uH	±20%	4A-22A	.004Ω~0.087Ω
		SDB0520		0520	0.10uH~4.7uH		5A-45A	.0039Ω~0.11Ω
		SDB0530		0530	0.10uH~4.7uH		8.2A-27A	.0031~0.077Ω
		SDB0620/0625		0620/0625	0.10uH~10uH		7A-50A	.0003~0.129Ω
SDB0630		0630		0.10uH~10uH	7A-60A		.0017~0.105Ω	
SDB0650		0650		0.56uH~10uH	4.5A-12A		.0017Ω~0.11Ω	
SDB1040		1040		0.19uH~10uH	12A-90A		.0036~0.071Ω	
SDB1340		1340		0.10uH~10uH	14A-84A		.0009~0.036Ω	
SDB1350		1350		0.10uH~10uH	16A-118A		.0009~0.034Ω	
SDB1365		1365		0.10uH~10uH	15.5A-120A		.0017~0.116Ω	
DIP Power Inductor	DIP	DRGH654		654	22uH~1000μH	±10%, ±20%	0.13A-0.90-A	0.18Ω~7.06Ω
		DRGH664		664	22uH~1000μH		0.19A-1.27A	0.11Ω~4.45Ω
		DRGH855		855	10uH~10000μH		0.081A-2.50A	0.07Ω~55.7Ω
		DRGH875		875	10uH~10000μH		0.084A- 2.90A	0.05Ω~33Ω
		DRGH895		895	10uH~47000μH		0.038A-2.60A	0.04Ω~96.4Ω
		DRGH106		106	10uH~1000μH		0.36A-3.60A	0.04Ω~3.2Ω
		DRGH108		108	10uH~1000μH		0.45A- 4.50A	0.027Ω~2.1Ω
		DRGH110		110	10uH~1000μH		0.53A-5.30A	0.022Ω~1.7Ω
		DRGR664			664		22uH~1000μH	0.14A-0.96A
		DRGR875	875		22uH~10000μH	0.074A-1.60A	0.008Ω~35Ω	
		DRGR108	108		10uH~1000μH	0.28A-2.80A	0.005Ω~2.3Ω	
		DRGR110	110		10uH~1000μH	0.35A-3.51A	0.023Ω~1.5Ω	



# Power Inductor



	Series	PN	Product	Size	Inductance	Tol	IDC	DCR	
Miniature Power inductor		VLH252010E		252010	1uH~22uH	±20%	0.5A-2.2A	0.121Ω~2.391Ω	
		VLH252012E		252012	1uH~22uH	±20%	0.55A-2.8A	0.137Ω~2.743Ω	
		VLH252510		252510	1uH~22uH	±20%	0.51A-2.3A	0.085Ω~1.552Ω	
		VLH322515(C)		322515	0.47uH~120uH	±10~30%	0.1A-3.4A	0.03Ω~4.5Ω	
		VLH322520(C)		322520	1uH~560uH	±5%, ±10%, ±20%	0.04A-1A	0.078Ω~28.6Ω	
		VLH453226(C)		453226	1uH~2200uH		0.03A-1.08A	0.08Ω~8.5Ω	
		VLH575047C		575047	0.12uH~10000uH		0.05A-6A	0.009Ω~140Ω	
Wire wound Power	NEW	NEW MLP(H)06		0806	0.24uH~2.2uH	±20%	1.5A-6.1A	0.021Ω~0.15Ω	
	NEW	NEW MLP(H)04		1004	0.33uH~4.7uH	±20%	1.62A-6A	0.026Ω~0.262Ω	
	NEW	NEW MLP(H)08		1008	0.47uH~4.7uH	±20%	1.58A-6.2A	0.025Ω~0.235Ω	
Non-Shielding		PDH1608		1608	0.47uH~22uH	±20%, +40%-20%	0.7A-7.7A	0.025Ω~0.37Ω	
		PDH1813		1813	0.18uH~180uH		0.5A-11.9A	0.005Ω~2.3Ω	
		PDH3316		3316	0.18uH~100uH		1.2A-20A	0.002Ω~0.28Ω	
		PDH4920		4920	0.47uH~100uH		1.8A-25.1A	0.003Ω~0.206Ω	
		PDH5022		5022	0.78uH~470uH		0.8A-30A	0.003Ω~0.95Ω	
		PD1608		1608	1uH~1000uH	±20%	0.1A-2.9A	0.005Ω~13.8Ω	
		PD3308		3308	1uH~1000uH		0.1A-5.15A	0.024Ω~8.4Ω	
		PD3316		3316	0.68uH~1000uH		0.3A-11A	0.008Ω~3Ω	
		PD3340		3340	0.47uH~1000uH		0.8A-40A	0.008Ω~2Ω	
		PD5022		5022	1uH~1000uH		1A~20A	0.009Ω~1.8Ω	
		PCD0301		0301	1uH~390uH	±20%	0.1A-1.4A	0.006Ω~26Ω	
		PCD0302		0302	1uH~330uH	±10%, ±20%	0.09A-2.2A	0.045Ω~10.19Ω	
		PCD0403		0403	0.5uH~1000uH		0.109A-3A	0.049Ω~15.6Ω	
		PCD0502		0502	1uH~470uH		0.15A-4A	0.021Ω~15Ω	
		PCD0503		0503	1uH~1000uH		0.13A-4.5A	0.03Ω~8Ω	
		PCD0504		0504	1uH~1000uH		0.26A-5A	0.01Ω~5.74Ω	
		PCD0703		0703	1uH~1000uH		0.2A-1.64A	0.018Ω~4.76Ω	
		PCD0705		0705	1uH~1500uH		0.16A-3.4A	0.013Ω~5.52Ω	
		PCD1004		1004	1uH~560uH		0.32A-8.7A	0.012Ω~1.904Ω	
		PCD1005		1005	1.2uH~1000uH		0.2A-8.63A	0.009Ω~3.49Ω	
	PCD1006	1006		1uH~1000uH	0.46A-9.5A		0.008Ω~3Ω		
	PS1608			1608	1uH~1000uH		±20%	0.02A-1.4A	0.004Ω~32.8Ω
	PS3316			3316	1uH~1000uH			0.32A-5.6A	0.021Ω~8.3Ω
	PS5022		5022	1uH~1000uH	0.8A-20A			0.024Ω~2.01Ω	
	PCS62B		62B	1.5uH~330uH	±20%	0.19A-3.5A	0.007Ω~4.94Ω		
	PCS64B		64B	10uH~1000uH		0.14A-1.35A	0.012Ω~9.26Ω		
	PCS73/74		73/74	1uH~1000uH		0.16A-8A	0.002Ω~9.44Ω		
	PCS124		124	1.5uH~330uH		0.5A-8.75A	0.008Ω~0.99Ω		
	PCS125		125	1.3uH~1000uH		0.4A-8A	0.012Ω~1.53Ω		
	PCS(H)127		127	1uH~1000uH		0.55A-25.5A	0.007Ω~1.82Ω		
	PCS129		129	1uH~1000uH		0.76A-17A	0.007Ω~1.27Ω		
	PCDR0628			0628		1uH~1000uH	±20%, ±30%	0.12A-2.1A	0.024Ω~5.79Ω
	PCDR0728	0728		3.3uH~56uH	0.5A-1.6A	0.003Ω~0.042Ω			
	PCDR0730	0730		3.3uH~100uH	0.35A-1.8A	0.0023Ω~0.45Ω			
	PCDR0732	0732		1uH~1000uH	0.13A-2.2A	0.0019Ω~4.78Ω			
	PCDR0745	0745		1uH~1000uH	0.14A-4A	0.0019Ω~2.28Ω			
	PCDR1045	1045		1uH~1500uH	0.22A-7.8A	0.012Ω~3.4Ω			
	PCDR1255	1255		6uH~1500uH	0.29A-3.6A	0.0164Ω~1.73Ω			
	PCDR1265	1265		2uH~150uH	1A-10A	0.0117~0.273Ω			
	PCDR1275	1275		1.2uH~220uH	1.3A-13A	0.0069Ω~0.258Ω			
	PCDS63B			63B	10uH~68uH	±20%, ±30%		0.42A-1A	0.14Ω~0.82Ω
	PCDS74B		74B	4.7uH~820uH	0.16A-3.15A		0.03Ω~3Ω		
	PCDS105B		105B	4.7uH~470uH	0.33A-2.5A		0.013Ω~1.5Ω		
	PCDS125B		125B	10uH~820uH	0.36A-2.65A		0.05Ω~2Ω		
Shielding		PSDB5D28		5D28	2.5uH~100uH	±20%	0.4A-2.6A	15Ω~520Ω	
		PSDB1003		1003	2.2uH~470uH		0.48A-5.6A	23Ω~2170Ω	
		PSDB1004		1004	0.56uH~1000uH		0.32A-10A	8Ω~3250Ω	
		PSDB1005		1005	1.5uH~1000uH		0.35A-10.5A	6Ω~1989Ω	

SMD Power Inductor



# Chip Inductor



	Series	PN	Product	Size	Inductance	Tol	IDC	DCR	
RF Ceramic Inductor	Thin Film	AL01		0201	0.1nH~10nH	±0.1nH~±0.3nH, ±1%, 2%	80mA-850mA	0.2Ω~3.5Ω	
		AL02		0402	0.2nH~33nH		75mA-1000mA	0.1Ω~4.5Ω	
	Multilayer	CL01-S		0201	1nH~100nH	±0.1nH~±0.3nH, ±2~±5%, ±10%	50mA-600mA	0.1Ω~4Ω	
		CL02-S		0402	1nH~330nH		50mA-1000mA	0.1Ω~7Ω	
		CL03-S		0603	1nH~680nH		100mA-500mA	0.05Ω~4.5Ω	
	Wire-wound	WL02		0402	1nH~120nH	±0.2nH~±0.3nH, ±2%~±5%	50mA-2.3A	0.03Ω~2.66Ω	
		WL03		0603	1.6nH~470nH		80mA-2.4A	0.03Ω~3.6Ω	
		WL05		0805	2.7nH~1000nH		90mA-1.6A	0.06Ω~6.4Ω	
		WL08		1008	4.7nH~1500nH		120mA-1.6A	0.04Ω~11.5Ω	
		WL06		1206	6.8nH~1200nH		30mA-1000mA	0.007Ω~3.2Ω	
Ferrite Inductor	Ferrite Multilayer	ML03~06		0603/ 0805/ 1206	10nH~33000nH	±10%, ±20%	5mA-1.5A	0.14Ω~2.55Ω	
		ML(H)05~08		0805/ 0806/ 1008	0.47uH~4.7uH		±20%	500mA-1.8A	0.07Ω~0.3Ω
	Ferrite Wirewound	NL03		0603	1.0uH~33uH	±10, 20%	120mA-1.8A	0.075Ω~8.58Ω	
		NL05		0805	0.11uH~39uH		±5, 10%	100mA-2A	0.05Ω~8.2Ω
		NL08		1008	0.12uH~100uH	±10%, ±20%		80mA-3.2A	0.05Ω~32.5Ω
		NL10		1210	0.18uH~150uH		65mA-770mA	0.28Ω~15Ω	
		NL12		1812	0.18uH~820uH		30mA-1.05A	0.24Ω~45Ω	
		NL20		2220	1.2mH~10mH		±5,10%	25mA-1.8A	17Ω~150Ω
	Common Mode Filter	Wirewound EMI	CMH05		0805	30Ω~370Ω	±20%	280mA-450mA	0.2Ω~0.4Ω
			CMH06		1206	90Ω~2200Ω		200mA-370mA	0.3Ω~1.2Ω

# Chip Bead

	Series	PN	Product	Size	Inductance	Tol	IDC	DCR
EMI BEAD	Bead	CBM01		0201	40~300Ω	±25%	150mA-300mA	0.3Ω~0.9Ω
		CBM02		0402	10~1800Ω		50mA-2A	0.05Ω~1.5Ω
		CBM03		0603	5~2500Ω		200mA-4A	0.1Ω~0.6Ω
		CBM05		0805	5~5000Ω		200mA-6A	0.1Ω~0.4Ω
		CBM04		1206	19~2000Ω		200mA-6A	0.1Ω~0.4Ω
		CBM10		1210	31~60Ω		400mA-6A	0.1Ω~0.3Ω
		CBM08		1808	60~700Ω		200mA-6A	0.2Ω~0.8Ω
		CBM12		1812	31~880Ω		500mA~8A	0.1Ω~0.2Ω

# Power Inductor

	Series	PN	Product	Size	Inductance	Tol	IDC	DCR
SMD Power Inductor	Miniature Power inductor	SDIA0310		0310	1uH~47uH	±20%, ±30%	0.22A-1.4A	0.065Ω~1.9Ω
		SDIA0312		0312	1uH~47uH		0.27A-1.87A	0.04Ω~1.45Ω
		SDIA0315		0315	1uH~47uH		0.32A-2.1A	0.037Ω~1.2Ω
		SDIA0410		0410	1uH~22uH		0.45A-2A	0.056Ω~0.57Ω
		SDIA0412		0412	1uH~22uH		0.46A-2.61A	0.05Ω~0.587Ω
		SDIA0415		0415	1uH~22uH		0.68A-2.5A	0.035Ω~0.4Ω
		SDIA0418		0418	1uH~47uH	±30%	0.57A-4A	0.023Ω~0.85Ω
		SDIA0420		0420	1uH~47uH	±20%, ±30%	0.74A-4.78A	0.029Ω~0.71Ω
		SDIA0430		0430	1uH~100uH		0.6A-5.26A	0.014Ω~1.15Ω
		SDIA0520		0520	1uH~47uH		0.81A-4.33A	0.02Ω~0.56Ω
		SDIA0528		0528	2.2uH~47uH		1A-5.5A	0.035Ω~0.46Ω
		SDIA0540		0540	1uH~100uH		0.75A-7.35A	0.012Ω~0.56Ω
		SDIA0610		0610	1.5uH~22uH		0.65A-2.4A	0.009Ω~0.58Ω
		SDIA0612		0612	3.3uH~22uH	0.76A-1.8A	0.105Ω~0.469Ω	
		SDIA0620		0620	1uH~47uH	1A-4.3A	0.02Ω~0.5Ω	
		SDIA0628		0628	1uH~100uH	0.65A-6.7A	0.012Ω~0.67Ω	
		SDIA0645		0645	2.2uH~100uH	0.8A-6A	0.021Ω~0.5Ω	
		SDIA0840		0840	2.2uH~470uH	0.6A-7.1A	0.012Ω~1.4Ω	

# Resistors / Capacitors



	Series	PN	Product	Size	Power	Tolerance	Resistance	TCR/PPM			
Leaded	Metal Oxide Film	MOF0623		0623	1/4W~1/2W	±1%, ±2%, ±5%	0.1Ω~22MΩ	±200			
		MOF0932		0932	1/2W~1W						
		MOF1145		1145	1W~2W						
		MOF1550		1550	2W~3W						
		MOF1765		1765	3W~5W						
		MOF2485		2485	5W~7W						
	Metal Glazed	MGR0623		623	1/4W~1/2W	±1%~±5%	10KΩ~1GΩ	±100, ±200			
		MGR0932		932	1/2W~1W						
		MGR1145		1145	1W~2W						
		MGR1550		1550	2W~3W						
	Metal Film Flame-Proof	FMR0623		0623	1/4W~1/2W	±0.1%, ±0.25%, ±0.5%, ±1%	10Ω~1MΩ	±15/25/50/100			
		FMR0932		0932	1/2W~1W						
		FMR1145		1145	1W~2W						
		FMR1550		1550	2W~3W						
	Wire wound	KNP0932		0932	1/2W~1W	±1%, ±5%	0.1Ω~100Ω	±400			
		KNP1145		1145	1W~2W						
KNP1550		1550		2W~3W							
KNP1760		1760		3W~5W							
KNP2480		2480		5W~7W							
Automotive	Thin Film Precision	AR02.A		0402	1/16W	±0.05%~0.1%~±1%	49.9Ω~100KΩ	±10/15/25/50			
		AR03.A		0603	1/16W~1/10W		10Ω~332KΩ				
		AR05.A		0805	1/10W~1/8W		10Ω~1MΩ				
		AR06.A		1206	1/8W~1/4W						
		AR13.A		1210	1/4W,1/3W						
		AR10.A		2010	1/4W,1/3W						
		AR12.A		2512	1/2W						
	Thick Film Low TC Current Sensing	CS02.A		0402	1/16W,1/8W	±1%, ±2%, ±5%	50mΩ~1Ω	±200~±400			
		CS03.A		0603	1/10W~5W		20mΩ~1Ω	±200~±600			
		CS05.A		0805	1/8W,1/4W		10mΩ~1Ω				
		CS06.A		1206	1/4W,1/2W						
		CS13.A		1210	1/2W,3/4W						
		CS10.A		2010	3/4W,1W		3mΩ~8Ω		±100~±300		
		CS12.A		2512	1W~2W						
		CS25.A		1225	3W		10mΩ~500mΩ				
		CS37.A		3720	1W		1mΩ~350mΩ				
		CS75.A		7520	2W						
	MELF Metal Film Precision	CSR0102		0102	1/8W,1/5W	±0.1%~±0.5%, ±1%~±5%	40Ω~1MΩ	±10/15/25/50/100			
		CSR0204		0204	1/4W,2/5W						
		CSR0207		0207	1/2W,1W						
	Thick Film	CR-02.A		0402	1/16W	±1%, ±5%	0Ω,1Ω~10MΩ	±100/200			
		CR-03.A		0603	1/10W						
		CR-05.A		0805	1/8W						
CR-06.A		1206		1/4W							
CR-10.A		1210		1/3W							
CR-0A.A		2010		3/4W							
CR-12.A		2512		1W							
Anti-Sulfur	AS02.A		0402	1/16W	±1%, ±5%	0Ω,1Ω~10MΩ	100/200				
	AS03.A		0603	1/10W							
	AS05.A		0805	1/8W							
	AS06.A		1206	1/4W							
	AS10.A		1210	1/3W							
	AS0A.A		2010	3/4W							
	AS12.A		2512	1W							
Resistor Array	CN-42.A		0402*2	1/16W	±1%~±5%	0Ω,1Ω~1MΩ	±200, ±300				
	CN-43.A		0603*4	1/10W							
Capacitor	Multilayer		MC01	0201	6.3V~50V	±0.1pF~±0.5pF, ±1%~±5%, ±10%~20%, +80/20%	NPO/X7R/X5R				
			MC02	0402	10V~50V		NPO/X7R/X6R/Y5V 0.5pF~100uF				
			MC03	0603	6.3V~250V						
			MC05	0805	6.3V~630V						
			MC06	1206	6.3V~2000V						
			MC10	1210	6.3V~2000V						
			MC08	1808	6.3V~3000V						
			MC12	1812	6.3V~3000V						
			MCHL	High Q and Low ESR				NPO			
			MCRF	Ultra High Q, Low ESR							
			MCLI	Low Inductance							
											X7R



# Resistors



	Series	PN	Product	Size	Power	Tolerance	Resistance	TCR/PPM
Thick Film	General Purpose	CR-E5		01005	1/32W	±1%, ±5%	0Ω, 10Ω~1MΩ	± 300
		CR-01		0201	1/20W	±0.5%~±5%	0Ω, 1Ω~10MΩ	± 200
		CR-02		0402	1/16W, 1/8W		±0.1%~±0.5%, ±1%~±5%	0Ω, 1Ω~100MΩ
		CR-03		0603	1/10W, 1/4W			
		CR-05		0805	1/8W, 1/3W			
		CR-06		1206	1/4W~1/2W			
		CR-10		1210	1/3W, 3/4W			
		CR-0A		2010	3/4W, 1W			
		CR-12		2512	1W, 2W			
		CR-25		1225	2W			
NEW CR-62	0612	3/4W	±1%~±5%	0Ω, 10Ω~20KΩ	±100			
						1Ω~1MΩ	±100	
High ohm	HMR05		0805	1/8W	±5%	110MΩ~1GΩ	±500, ±1000	
	HMR06		1206	1/4W				
Special Thick Film	Anti-Sulfur	AS01		0201	1/20W	±0.5%, ±1%, ±5%	0Ω, 1Ω~10MΩ	±100, ±200
		AS02		0402	1/16W			
		AS03		0603	1/10W			
		AS05		0805	1/8W			
		AS06		1206	1/4W			
		AS10		1210	1/3W			
		AS0A		2010	3/4W			
		AS12		2512	1W			
	Pulse Withstanding	PWR03		0603	1/10W~1/5W	±0.5%, ±1%, ±5%	1Ω~1MΩ	±100, ±200
		PWR05		0805	1/8W, 1/4W		1Ω~20MΩ	
		PWR06		1206	1/3W, 1/2W			
		PWR13		1210	1/2W			
PWR10		2010		3/4W, 1W				
PWR12		2512		1.5W				
Surge Withstanding	SWR03		0603	1/8W	±5%, ±10%, ±20%	10Ω~1MΩ	±100, ±200	
	SWR05		0805	1/4W		1Ω~20MΩ		
	SWR06		1206	1/3W				
	SWR13		1210	1/2W				
	SWR10		2010	3/4W				
	SWR12		2512	1.5W				
High Voltage	HVR02		0402	1/16W, 200V	±1%~±5%	30KΩ~100MΩ	±100, ±200, ±400	
	HVR03		0603	1/10W, 400V				
	HVR05		0805	1/8W, 800V				
	HVR06		1206	1/4W, 1000V				
	HVR0A		2010	1/2W, 3000V				
	HVR12		2512	1W, 4000V				
Trimmable	RT-02		0402	1/16W	0~±10%, 0~±20%, 0~±30%	1Ω~10MΩ	±200	
	RT-03		0603	1/10W			±100, ±200	
	RT-05		0805	1/8W				
	RT-06		1206	1/4W				
	RT-10		1210	1/3W				
	RT-0A		2010	3/4W				
	RT-12		2512	1W				
	Resistor Array		CN-21					0201*2
CN-21		0201*2	1/32W					
CN-41		0201*4	1/32W					
CN-42		0402*2	1/16W					
CN-43		0603*4	1/10W					
CNA42		0402*2	1/16W					
CNA43		0603*4	1/10W					
Power Resistor		High Power			TO220	20W	±0.5%, ±1%, ±5%, ±10%	0.05~1MΩ
	TO220			30W	0.05~10KΩ			
	TO220			35W				
	TO220			50W				
	TO220			50W				
	TO263			SMD 35W		0.5~100KΩ		
	TO247			100W		0.05~10KΩ		
	Leaded			High Precision Resistor		MFD0727		
MFD1040		1040	1/2W		10Ω~1MΩ			
Metal Film		MFR0318		0318	1/8W~2/5W	±0.05%, ±0.1%~±1%	0.1Ω~10MΩ	±5/10/15/ 25/50/100
		MFR0623		0623	1/4W~3/5W			
		MFR0932		0932	1/2W~1W			
		MFR1145		1145	1W~2W			
		MFR1550		1150	2W~3W			



# Resistors



	Series	PN	Product	Size	Power	Tolerance	Resistance	TCR/PPM	
Thin Film	Precision	AR01		0201	1/32W	±0.5%, 1%	49.9Ω~33KΩ	±25/50	
		AR02		0402	1/16W	±0.01%~0.1%~±1%	4.7Ω~511KΩ	±2/3/5/10/15/25/50	
		AR03		0603	1/16W~1/6W		1Ω~1MΩ		
		AR05		0805	1/10W~1/4W		1Ω~2MΩ		
		AR06		1206	1/8W~1/3W		1Ω~2.49MΩ		
		AR13		1210	1/4W, 1/3W				
		AR10		2010	1/4W, 1/3W				
		AR12		2512	1/2W~1W	1Ω~3MΩ			
	Anti-Corrosive Precision	PR02		0402	1/16W	±0.1%~±1%	24.9Ω~24.9KΩ		±15/25/50
		PR03		0603	1/16W~1/10W	±0.1%~±1%	24.9Ω~332KΩ		
		PR05		0805	1/10W~1/8W	±0.1%~±1%	10Ω~1MΩ		
		PR06		1206	1/8W~1/4W				
		PR10		2010	1/4W		10Ω~1.5MΩ		
		PR12		2512	1/2W				
	General Purpose	ARG02		0402	1/16W	±0.1%~±1%	4.7Ω~255KΩ	±25/50	
		ARG03		0603	1/10W		1Ω~1MΩ		
		ARG05		0805	1/8W		1Ω~2MΩ		
		ARG06		1206	1/4W		1Ω~2.49MΩ		
Resistor Array		TFAN43			0603x4		1/16W		±0.1%~±1%
Wire Bondable	WB01		0201	1/32W	±0.1%~±0.5%, ±1%~10%	49.9~33KΩ	±25/50/100		
	WB02		0402	1/16W		10~100KΩ			
	WB03		0603	1/16W		10~332KΩ			
MELF	Metal Film Precision	CSR(V)0102		0102	1/8W, 1/5W	±0.1%~±0.5%, ±1%~5%	0Ω~1MΩ	±10/15/25/50/100	
		CSR0204		0204	1/4W, 2/5W				
		CSR0207		0207	1/2W, 1W				
		CSR0207		0207	1/2W 1500V		±0.5%~±5%		1KΩ~100MΩ
	High Voltage	CSRH0309	0309	1W 2500V	±0.5%~±5%	1KΩ~100MΩ	±25~±200		
Current Sensing	Thin Film Precision	TCS02		0402	1/16W	±0.5%~±1%	500mΩ~1Ω	±50, ±100 ±200	
		TCS03		0603	1/10W		200mΩ~1Ω		
		TCS05		0805	1/8W		50mΩ~1Ω		
		TCS06		1206	1/4W				
		TCS10		2010	3/4W				
		TCS12		2512	1W, 3W				
	Thick Film Low TC	CS01		0201	1/20W	±1%, ±2%, ±5%	100mΩ~1Ω	±300~±1000	
		CS02		0402	1/16W, 1/8W		50mΩ~1Ω	±200~±400	
		CS03		0603	1/10W~1/5W		20mΩ~1Ω	±200~±600	
		CS05		0805	1/8W, 1/4W		10mΩ~1Ω	±100~±600	
		CS06		1206	1/4W, 1/2W				
		CS13		1210	1/2W, 3/4W				
		CS10		2010	3/4W, 1W				
		CS12		2512	1W~2W		±100~±600		
		NEW CS62		0612	1W				
		CS25		1225	3W			3mΩ~8Ω	±100~±300
		CS37		3720	1W			10mΩ~500mΩ	
		CS75		7520	2W			1mΩ~350mΩ	
	Thick Film Low cost	RS-02		0402	1/16W, 1/10W	±1%, ±5%	50mΩ~1Ω	±500~±800	
		RS-03		0603	1/10W~1/8W		20mΩ~1Ω	±500~±1200	
		RS-05		0805	1/8W, 1/4W		10mΩ~1Ω	±500~±1500	
		RS-06		1206	1/4W, 1/3W				
		RS-10		1210	1/3W, 1/2W				
		RS-0A		2010	3/4W, 1W				
		RS-12		2512	1W, 2W				
	Metal Ultra Low Ohm	LR06		1206	1W	±1%, ±3%, ±5%	0.5mΩ~10mΩ	±50	
LR10		2010		1.5W	0.5mΩ~10mΩ		±50~±150		
LR12 (B)		2512		1W, 2W	0.5mΩ~15mΩ		±50~±100		
LR12 (G)		2512		1W, 2W, 3W	±1%, ±5%		7mΩ~100mΩ	±50~±100	
NEW High power Metal Strip		LRP06	1206	1W					
LRP12		2512	1W, 2W, 3W	Jumper	0.5mΩMax	40A			
NEW Ultra-Low Ohm Jumper		LRJ06	1206			40A	57A		
LRJ10		2010	57A						
Shunt Resistor		LRS1050		1050	2.5W~5W	±1%, ±2%, ±5%	0.5mΩ~4mΩ	±60~±100	
		LRS1575		1575	3.5W~7W		0.2mΩ~3mΩ	±50~±120	
Metal Foil Low Ohm	CSM03		0603	1/8W	±1%, ±2%, ±5%	10mΩ~100mΩ	±50~±100		
	CSM06		0805	1/4W					
	CSM06		1206	1/2W					
	CSM10		2010	3/4W					
	CSM12		2512	1W					