SIP - Board Level Part Family Application Chart

Ferrite Board Level EMI Part Family	Part Number Code	PC & Server Mother Boards, Daughter Boards, Backplanes	PC & Server add-on cards, multimedia, video, sound, networking	Storage Devices - Disk Drives, CDRW, DVDRW	Audio Equipment - MP3, CD, Satellite radio	Video Display - CRT, LCD, Plasma, DLP	Audio-Visual equipment- video game systems, DVRs	Monitors -CRT, LCD	Power Supplies/UPS	DC/DC Converters - VRM, PWM	Printers	Modems - 56K, DSL, Cable	Networking / Telecom - Switches, Routers, Hubs, Center Office	Portable Electronics - Cell Phone, PDA, MP3	Communication - USB 1.0 2.0, Firewire, Ethernet	Set-top Boxes and cable splitters	Optitical Networks	Embedded PC's	White Goods	Television Sets	Electric Motors	Medical Equipment	Automotive Electronics	Network Data Storage Systems	Ethernet Magnetics	Digital Cameras and Camcorders	GPS Global Positioning Systems	Radar Detectors	Web Cameras	Digital Projectors	Wireless Networking, Bluetooth	Scanners	Security Cameras and Systems	Bar Code Scanners, Credit Card Readers	Telecom PBX	Antenna Applications - Remote Entry, GPS, Passive Entry
Common Mode EMI Suppression																																				
Common mode chokes	CM	X	X	X	X		X		X	X	X	X	X	X	X			X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CAN-bus chokes	CC																						X	X	X	X	X		X	X	X	X	X	X	X	
Wire wound chokes	CM	X	X	X	X	X	X	X			X	X	X	X	X	X		X		X				X	X	X	X		X	X	X	X	X	X	X	X
Differential Mode EMI Suppression																																				
High current chip beads	HI	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	
Mid current chip beads	MI	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Low current chip beads	LI	X	X	X	X	X	X	X	X	X	X	X	X	X		X		X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
High bias retention under bias	HR	X	X	X	X	X	X	X	X	X	X	X	X	X		X		X	X	X		X	X	X			X	X		X	X	X	X			X
High impedance chip beads	HZ	X	X	X	X	X	X	X	X	X	X	X	X	X		X		X	X	X		X	X	X		X	X	X	X	X	X	X	X	X	X	X
Low Frequency chip beads	LF	X	X	X	X	X	X	X	X	X	X	X	X	X		X		X	X	X		X	X	X		X	X	X	X	X	X	X	X	X	X	X
High Frequency chip beads	HF																X							X	X		X	X			X	X	X	X			
4 line chip arrays	DA	X	X	X	X	X	X	X	X	X	X	X	X	X		X		X	X	X		X	X	X			X				X	X		X		X
Single line surface mount assemblies	F Series								X		X								X	X	X	X	X											X	X	
Multi-line arrays	F Series								X											X	X	X	X										X	X	X	
Multi-turn leaded beads	C Series								X										X	X	X		X										X			
Axial leaded beads	L Series								X										X	X	X															
Ferrite Plates																																				
Plates	P Series	X	X			X	X				X							X				X	X			X	X	X		X	X	X		X		
Disks	M Series	X	X			X	X				X							X				X	X			X	X	X		X	X	X		X		
Chip Inductors																																				
Multi-layer chip inductors	IC	X	X	X	X	X	X	X			X	X	X	X				X	X	X	X	X	X	X	X	X	X	X			X					X
Power inductor	DI	X							X	X									X		X			X												

Visit www.LAIRDTECH.com for additional and the most up-to-date information.

SIP - Cable Core Part Family Application Chart

Part Family	Part Number Code	PC & Server Mother Boards, Daughter Boards, Backplanes	PC & Server add-on cards, multi-media, video, sound, networking	Interconnect Cables	Storage Devices - Disk Drives, CDRW, DVDRW	Video Display - CRT, LCD, Plasma, DLP	Audio-Visual equipment- video game systems, DVRs	Monitors -CRT, LCD	Power Supplies/UPS	DC/DC Converters - VRM, PWM	PowerCords	Printers	Embedded PC's	White Goods	Television Sets	Electric Motors	Medical Equipment	Network Data Storage Systems	Digital Cameras and Camcorders	GPS Global Positioning Systems	Radar Detectors	Web Cameras	Digital Projectors	Wireless Networking, Bluetooth	Scanners	Keyboards and Mice	Bar Code Scanners, Credit Card Readers	Telecom PBX	Set-top Boxes and cable splitters	Ethernet Magnetics	Fluorescent Lighting	GFCI - Ground Fault Control Interrupt	Antenna Applications - Remote Entry, GPS, Passive Entry	Automotive Electronics
Cable and Connector EMI Suppression																																		
Clamp-on for round cables	A Series			X			X	X	X	X	X	X					X	X	X	X	X	X	X	X	X	X	X							
Clamp-on for ribbon cables	S Series			X	X							X											X											
Solid cores for round cables	B Series			X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X							
Solid cores for ribbon cables	R Series			X	X							X					X	X		X			X	X	X			X							
Ferrite Plates																																			
Plates	P Series	X	X			X	X					X	X				X		X	X	X		X	X	X		X								X
Disc	M Series	X	X			X	X					X	X				X		X	X	X		X	X	X		X								X
Multi-hole connector plates	D Series	X			X							X	X				X																		X
Ferrite Rods																																			
Rod	M Series															X																X		X	X
Baluns																																			
Balun Cores	N Series		X			X		X		X					X															X					
Ferrite Toroids																																			
Toroids	T Series		X						X	X						X														X	X	X			

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