

CYROD TECHNOLOGIES PRODUCT SELECTOR GUIDE

Device	Part Number	Temperature	Package	RoHS	Ramtron/Goal Cross
CRD89C51 4KB Flash, 128B RAM, 40MHz, 5V	CRD89C51-40-L	-40C to +85C	PLCC44		
	CRD89C51-40-Q	-40C to +85C	QFP44		
	CRD89C51-40-P	-40C to +85C	PDIP40		
	CRD89C51-40-LG	-40C to +85C	PLCC44	Green	
	CRD89C51-40-QG	-40C to +85C	QFP44	Green	
	CRD89C51-40-PG	-40C to +85C	PDIP40	Green	
CRD89L51 4KB Flash, 128B RAM, 25MHz, 3V	CRD89L51-25-L	-40C to +85C	PLCC44		
	CRD89L51-25-Q	-40C to +85C	QFP44		
	CRD89L51-25-P	-40C to +85C	PDIP40		
	CRD89L51-25-LG	-40C to +85C	PLCC44	Green	
	CRD89L51-25-QG	-40C to +85C	QFP44	Green	
	CRD89L51-25-PG	-40C to +85C	PDIP40	Green	
CRD89C51R 4KB Flash, 256B RAM, 40MHz, 5V	CRD89C51R-40-L	-40C to +85C	PLCC44		VRS51C540-40-L
	CRD89C51R-40-Q	-40C to +85C	QFP44		VRS51C540-40-Q
	CRD89C51R-40-P	-40C to +85C	PDIP40		VRS51C540-40-P
	CRD89C51R-40-LG	-40C to +85C	PLCC44	Green	VRS51C540-40-LG
	CRD89C51R-40-QG	-40C to +85C	QFP44	Green	VRS51C540-40-QG
	CRD89C51R-40-PG	-40C to +85C	PDIP40	Green	VRS51C540-40-PG
CRD89L51R 4KB Flash, 256B RAM, 25MHz, 3V	CRD89L51R-25-L	-40C to +85C	PLCC44		VRS51L540-25-L
	CRD89L51R-25-Q	-40C to +85C	QFP44		VRS51L540-25-Q
	CRD89L51R-25-P	-40C to +85C	PDIP40		VRS51L540-25-P
	CRD89L51R-25-LG	-40C to +85C	PLCC44	Green	VRS51L540-25-LG
	CRD89L51R-25-QG	-40C to +85C	QFP44	Green	VRS51L540-25-QG
	CRD89L51R-25-PG	-40C to +85C	PDIP40	Green	VRS51L540-25-PG
CRD89C4051 4KB Flash, 128B RAM, 20-Pin Package, 40MHz, 5V	CRD89C4051-40-S	-40C to +85C	SOIC20		
	CRD89C4051-40-P	-40C to +85C	PDIP20		
	CRD89C4051-40-SG	-40C to +85C	SOIC20	Green	
	CRD89C4051-40-PG	-40C to +85C	PDIP20	Green	
CRD89L4051 4KB Flash, 128B RAM, 20-Pin Package, 25MHz, 3V	CRD89L4051-25-S	-40C to +85C	SOIC20		
	CRD89L4051-25-P	-40C to +85C	PDIP20		
	CRD89L4051-25-SG	-40C to +85C	SOIC20	Green	
	CRD89L4051-25-PG	-40C to +85C	PDIP20	Green	

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Device	Part Number	Temperature	Package	RoHS	Ramtron/Goal Cross
CRD89C51RA 8KB Flash, 256B RAM, 40MHz, 5V	CRD89C51RA-40-L	-40C to +85C	PLCC44		VRS51C550-40-L
	CRD89C51RA-40-Q	-40C to +85C	QFP44		VRS51C550-40-Q
	CRD89C51RA-40-P	-40C to +85C	PDIP40		VRS51C550-40-P
	CRD89C51RA-40-LG	-40C to +85C	PLCC44	Green	VRS51C550-40-LG
	CRD89C51RA-40-QG	-40C to +85C	QFP44	Green	VRS51C550-40-QG
	CRD89C51RA-40-PG	-40C to +85C	PDIP40	Green	VRS51C550-40-PG
CRD89L51RA 8KB Flash, 256B RAM, 25MHz, 3V	CRD89L51RA-25-L	-40C to +85C	PLCC44		VRS51L550-25-L
	CRD89L51RA-25-Q	-40C to +85C	QFP44		VRS51L550-25-Q
	CRD89L51RA-25-P	-40C to +85C	PDIP40		VRS51L550-25-P
	CRD89L51RA-25-LG	-40C to +85C	PLCC44	Green	VRS51L550-25-LG
	CRD89L51RA-25-QG	-40C to +85C	QFP44	Green	VRS51L550-25-QG
	CRD89L51RA-25-PG	-40C to +85C	PDIP40	Green	VRS51L550-25-PG
CRD89C51AA 8KB Flash, 256KB, 8-Bit ADC, LCD driver, 40MHz, 5V	CRD89C51AA-40-L	-25C to +85C	PLCC44		VMX51C900-25-L
	CRD89C51AA-40-Q	-25C to +85C	QFP44		VMX51C900-25-Q
	CRD89C51AA-40-P	-25C to +85C	PDIP40		VMX51C900-25-P
	CRD89C51AA-40-LG	-25C to +85C	PLCC44	Green	VMX51C900-25-LG
	CRD89C51AA-40-QG	-25C to +85C	QFP44	Green	VMX51C900-25-QG
	CRD89C51AA-40-PG	-25C to +85C	PDIP40	Green	VMX51C900-25-PG
CRD89L51AA 8KB Flash, 256KB, 8-Bit ADC, LCD driver, 25MHz, 3V	CRD89L51AA-25-L	-25C to +85C	PLCC44		
	CRD89L51AA-25-Q	-25C to +85C	QFP44		
	CRD89L51AA-25-P	-25C to +85C	PDIP40		
	CRD89L51AA-25-LG	-25C to +85C	PLCC44	Green	
	CRD89L51AA-25-QG	-25C to +85C	QFP44	Green	
	CRD89L51AA-25-PG	-25C to +85C	PDIP40	Green	

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Device	Part Number	Temperature	Package	RoHS	Ramtron/Goal Cross
CRD89C51RB 16KB Flash, 256B RAM, 40MHz, 5V	CRD89C51RB-40-L	-40C to +85C	PLCC44		VRS51C560-40-L
	CRD89C51RB-40-Q	-40C to +85C	QFP44		VRS51C560-40-Q
	CRD89C51RB-40-P	-40C to +85C	PDIP40		VRS51C560-40-P
	CRD89C51RB-40-LG	-40C to +85C	PLCC44	Green	VRS51C560-40-LG
	CRD89C51RB-40-QG	-40C to +85C	QFP44	Green	VRS51C560-40-QG
	CRD89C51RB-40-PG	-40C to +85C	PDIP40	Green	VRS51C560-40-PG
CRD89L51RB 16KB Flash, 256B RAM, 25MHz, 3V	CRD89L51RB-25-L	-40C to +85C	PLCC44		VRS51L560-25-L
	CRD89L51RB-25-Q	-40C to +85C	QFP44		VRS51L560-25-Q
	CRD89L51RB-25-P	-40C to +85C	PDIP40		VRS51L560-25-P
	CRD89L51RB-25-LG	-40C to +85C	PLCC44	Green	VRS51L560-25-LG
	CRD89L51RB-25-QG	-40C to +85C	QFP44	Green	VRS51L560-25-QG
	CRD89L51RB-25-PG	-40C to +85C	PDIP40	Green	VRS51L560-25-PG

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Device	Part Number	Temperature	Package	RoHS	Ramtron/Goal Cross
CRD89C51RC 32KB Flash, 1KB RAM, 40MHz, 5V	CRD89C51RC-40-L	-40C to +85C	PLCC44		VRS51C570-40-L
	CRD89C51RC-40-Q	-40C to +85C	QFP44		VRS51C570-40-Q
	CRD89C51RC-40-P	-40C to +85C	PDIP40		VRS51C570-40-P
	CRD89C51RC-40-LG	-40C to +85C	PLCC44	Green	VRS51C570-40-LG
	CRD89C51RC-40-QG	-40C to +85C	QFP44	Green	VRS51C570-40-QG
	CRD89C51RC-40-PG	-40C to +85C	PDIP40	Green	VRS51C570-40-PG
CRD89L51RC 32KB Flash, 1KB RAM, 33MHz, 3V	CRD89L51RC-33-L	-40C to +85C	PLCC44		VRS51L570-25-L
	CRD89L51RC-33-Q	-40C to +85C	QFP44		VRS51L570-25-Q
	CRD89L51RC-33-P	-40C to +85C	PDIP40		VRS51L570-25-P
	CRD89L51RC-33-LG	-40C to +85C	PLCC44	Green	VRS51L570-25-LG
	CRD89L51RC-33-QG	-40C to +85C	QFP44	Green	VRS51L570-25-QG
	CRD89L51RC-33-PG	-40C to +85C	PDIP40	Green	VRS51L570-25-PG
CRD89C51AC 32KB Flash, 1KB RAM, 6-Bit ADC, RTC, 40MHz, 5V	CRD89C51AC-40-L	-40C to +85C	PLCC44		
	CRD89C51AC-40-Q	-40C to +85C	QFP44		
	CRD89C51AC-40-P	-40C to +85C	PDIP40		
	CRD89C51AC-40-LG	-40C to +85C	PLCC44	Green	
	CRD89C51AC-40-QG	-40C to +85C	QFP44	Green	
	CRD89C51AC-40-PG	-40C to +85C	PDIP40	Green	
CRD89L51AC 32KB Flash, 1KB RAM, 6-Bit ADC, RTC, 25MHz, 3V	CRD89L51AC-25-L	-40C to +85C	PLCC44		
	CRD89L51AC-25-Q	-40C to +85C	QFP44		
	CRD89L51AC-25-P	-40C to +85C	PDIP40		
	CRD89L51AC-25-LG	-40C to +85C	PLCC44	Green	
	CRD89L51AC-25-QG	-40C to +85C	QFP44	Green	
	CRD89L51AC-25-PG	-40C to +85C	PDIP40	Green	

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Device	Part Number	Temperature	Package	RoHS	Ramtron/Goal Cross
CRD89C51RD 64KB Embedded ISP Flash, 1KB RAM, 40MHz, 5V	CRD89C51RD-40-L	-40C to +85C	PLCC44		VRS51C1000-40-L
	CRD89C51RD-40-Q	-40C to +85C	QFP44		VRS51C1000-40-Q
	CRD89C51RD-40-P	-40C to +85C	PDIP40		VRS51C1000-40-P
	CRD89C51RD-40-LG	-40C to +85C	PLCC44	Green	VRS51C1000-40-LG
	CRD89C51RD-40-QG	-40C to +85C	QFP44	Green	VRS51C1000-40-QG
	CRD89C51RD-40-PG	-40C to +85C	PDIP40	Green	VRS51C1000-40-PG
CRD89L51RD 64KB Embedded ISP Flash, 1KB RAM, 25MHz, 3V	CRD89L51RD-25-L	-40C to +85C	PLCC44		VRS51C1050-40-L
	CRD89L51RD-25-Q	-40C to +85C	QFP44		VRS51C1050-40-Q
	CRD89L51RD-25-P	-40C to +85C	PDIP40		VRS51C1050-40-P
	CRD89L51RD-25-LG	-40C to +85C	PLCC44	Green	VRS51C1050-40-LG
	CRD89L51RD-25-QG	-40C to +85C	QFP44	Green	VRS51C1050-40-QG
	CRD89L51RD-25-PG	-40C to +85C	PDIP40	Green	VRS51C1050-40-PG
CRD89C665 64KB Flash, 4KB RAM, 35MHz, 5V	CRD89C665-35-L	-40C to +85C	PLCC44		
	CRD89C665-35-Q	-40C to +85C	QFP44		
	CRD89C665-35-P	-40C to +85C	PDIP40		
	CRD89C665-35-LG	-40C to +85C	PLCC44	Green	
	CRD89C665-35-QG	-40C to +85C	QFP44	Green	
	CRD89C665-35-PG	-40C to +85C	PDIP40	Green	
CRD89L665 64KB Flash, 4KB RAM, 25MHz, 3V	CRD89L665-25-L	-40C to +85C	PLCC44		
	CRD89L665-25-Q	-40C to +85C	QFP44		
	CRD89L665-25-P	-40C to +85C	PDIP40		
	CRD89L665-25-LG	-40C to +85C	PLCC44	Green	
	CRD89L665-25-QG	-40C to +85C	QFP44	Green	
	CRD89L665-25-PG	-40C to +85C	PDIP40	Green	
CRD89V665 64KB Flash, 4KB RAM, 16MHz, 2.5V	CRD89V665-16-L	-40C to +85C	PLCC44		
	CRD89V665-16-Q	-40C to +85C	QFP44		
	CRD89V665-16-P	-40C to +85C	PDIP40		
	CRD89V665-16-LG	-40C to +85C	PLCC44	Green	
	CRD89V665-16-QG	-40C to +85C	QFP44	Green	
	CRD89V665-16-PG	-40C to +85C	PDIP40	Green	

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Device	Part Number	Temperature	Package	RoHS	Ramtron/Goal Cross
CRD89C51AD 64KB Flash, 1KB RAM, 6-Bit ADC, RTC, 40MHz, 5V	CRD89C51AD-40-L	-40C to +85C	PLCC44		
	CRD89C51AD-40-Q	-40C to +85C	QFP44		
	CRD89C51AD-40-P	-40C to +85C	PDIP40		
	CRD89C51AD-40-LG	-40C to +85C	PLCC44	Green	
	CRD89C51AD-40-QG	-40C to +85C	QFP44	Green	
	CRD89C51AD-40-PG	-40C to +85C	PDIP40	Green	
CRD89L51AD 64KB Flash, 1KB RAM, 6-Bit ADC, RTC, 25MHz, 3V	CRD89L51AD-25-L	-40C to +85C	PLCC44		
	CRD89L51AD-25-Q	-40C to +85C	QFP44		
	CRD89L51AD-25-P	-40C to +85C	PDIP40		
	CRD89L51AD-25-LG	-40C to +85C	PLCC44	Green	
	CRD89L51AD-25-QG	-40C to +85C	QFP44	Green	
	CRD89L51AD-25-PG	-40C to +85C	PDIP40	Green	
CRD89C51RD3 64KB Flash, 1KB RAM, 4T, 25MHz, 5V	CRD89C51RD3-25-L	-40C to +85C	PLCC44		
	CRD89C51RD3-25-Q	-40C to +85C	QFP44		
	CRD89C51RD3-25-P	-40C to +85C	PDIP40		
	CRD89C51RD3-25-LG	-40C to +85C	PLCC44	Green	
	CRD89C51RD3-25-QG	-40C to +85C	QFP44	Green	
	CRD89C51RD3-25-PG	-40C to +85C	PDIP40	Green	
CRD89L51RD3 64KB Flash, 1KB RAM, 4T, 16MHz, 3V	CRD89L51RD3-16-L	-40C to +85C	PLCC44		
	CRD89L51RD3-16-Q	-40C to +85C	QFP44		
	CRD89L51RD3-16-P	-40C to +85C	PDIP40		
	CRD89L51RD3-16-LG	-40C to +85C	PLCC44	Green	
	CRD89L51RD3-16-QG	-40C to +85C	QFP44	Green	
	CRD89L51RD3-16-PG	-40C to +85C	PDIP40	Green	
CRD89C512RD 2X64KB Flash (64k Prog + 64K Data), Embedded ISP, 1KB RAM, I2C, 40MHz, 5V	CRD89C512RD-40-L	-40C to +85C	PLCC44		VRS51C1100-40-L
	CRD89C512RD-40-Q	-40C to +85C	QFP44		VRS51C1100-40-Q
	CRD89C512RD-40-P	-40C to +85C	PDIP40		VRS51C1100-40-P
	CRD89C512RD-40-LG	-40C to +85C	PLCC44	Green	VRS51C1100-40-LG
	CRD89C512RD-40-QG	-40C to +85C	QFP44	Green	VRS51C1100-40-QG
	CRD89C512RD-40-PG	-40C to +85C	PDIP40	Green	VRS51C1100-40-PG
CRD89C51RE 128KB Embedded ISP Flash, 1KB RAM, I2C, 40MHz, 5V	CRD89C51RE-40-L	-40C to +85C	PLCC44		
	CRD89C51RE-40-Q	-40C to +85C	QFP44		
	CRD89C51RE-40-P	-40C to +85C	PDIP40		
	CRD89C51RE-40-LG	-40C to +85C	PLCC44	Green	
	CRD89C51RE-40-QG	-40C to +85C	QFP44	Green	
	CRD89C51RE-40-PG	-40C to +85C	PDIP40	Green	