

(Unless otherwise specified, T_{opr}=-40 to 125°C)

	Part number		DCM341L0 <u>1</u>	DCM341H01	DCM341A01	DCM341B0 <u>1</u>
	Number of channels (Forward directions : reverse directions)		4 (3:1)			
	Default output logic		Low	High	Low	High
	Input/output control		Output Enable		Input Disable	
	Package		SOIC16-W			
Absolute maximum ratings	Operating temperature T _{opr} (°C)		-40 to 125			
	Storage temperature T _{stg} (°C)		-65 to 150			
	Isolation voltage BV _S (Vrms)	t=1min, T _a =25°C	Min	5000		
Electrical characteristics	Common mode transient immunity CMTI (kV/μs)	V _{DD1} =V _{DD2} = 4.5 to 5.5V, V _{CM} =1500 V	Typ	100		
	Data rate t _{bps} (Mbps)		Max	50		
	Pulse width distortion PWD (ns)	V _{DD1} =V _{DD2} = 4.5 to 5.5V	Typ	0.8		
	Propagatio n delay t _{PHL} , t _{PLH} (ns)			10.9		
Sample Check & Availability			Buy Online	Buy Online	Buy Online	Buy Online

(Unless otherwise specified, T_{opr}=-40 to 125°C)

	Part number	DCM340C0	DCM340D0	DCM340L0	DCM340H01	
		1	1	1		
	Number of channels (Forward directions : reverse directions)	4 (4:0)				
	Default output logic	Low	High	Low	High	
	Input/output control	None		Output Enable		
	Package	SOIC16-W				
Absolute maximum ratings	Operating temperature T _{opr} (°C)	-40 to 125				
	Storage temperature T _{stg} (°C)	-65 to 150				
	Isolation voltage BV _S (Vrms)	t=1min, T _a =25°C	Min	5000		
Electrical characteristics	Common mode- transient immunity CMTI (kV/μs)	V _{DD1} =V _{DD2} = 4.5 to 5.5V, V _{CM} =1500 V	Typ	100		
	Data rate t _{bps} (Mbps)		Ma x	50		
	Pulse width distortion PWD (ns)	V _{DD1} =V _{DD2} = 4.5 to 5.5V	Typ	0.8		
	Propagatio n delay t _{PHL} , t _{PLH} (ns)			10.9		
	Sample Check & Availability	Buy Online	Buy Online	Buy Online	Buy Online	

(Unless otherwise specified, T_{opr}=-40 to 125°C)

Part number				DCM342L01	DCM342H01
Number of channels (Forward directions : reverse directions)				4 (2:2)	
Default output logic				Low	High
Input/output control				Output Enable	
Package				SOIC16-W	
Absolute maximum ratings	Operating temperature T _{opr} (°C)			-40 to 125	
	Storage temperature T _{stg} (°C)			-65 to 150	
	Isolation voltage BV _s (V _{rms})	t=1min, T _a =25°C	Min	5000	
Electrical characteristics	Common mode-transient immunity CMTI (kV/μs)	V _{DD1} =V _{DD2} = 4.5 to 5.5V, V _{CM} =1500V	Typ.	100	
	Data rate t _{bps} (Mbps)		Max	50	
	Pulse width distortion PWD (ns)	V _{DD1} =V _{DD2} = 4.5 to 5.5V	Typ.	0.8	
	Propagation delay t _{PHL} , t _{PLH} (ns)			10.9	
Sample Check & Availability				Buy Online	Buy Online