

ELECTRICAL CHARACTERISTICS

STATIC CHARACTERISTICS¹

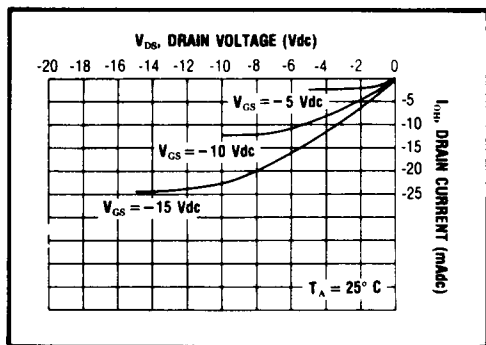
PARAMETER	V _{DD} (Vdc)	CONDITIONS	T _{LOW} ²		+25°C			T _{HIGH} ²		Units
			Min.	Max.	Min.	Typ.	Max.	Min.	Max.	
QUIESCENT DEVICE CURRENT	I _{DD}	V _{IN} = V _{SS} or V _{DD} All valid input combinations	—	5	—	0.05	5	—	150	μA _{dc}
			—	10	—	0.1	10	—	300	
			—	15	—	0.2	20	—	600	

NOTES: ¹ Remaining Static Electrical Characteristics are listed under "4000B Series Family Specifications".

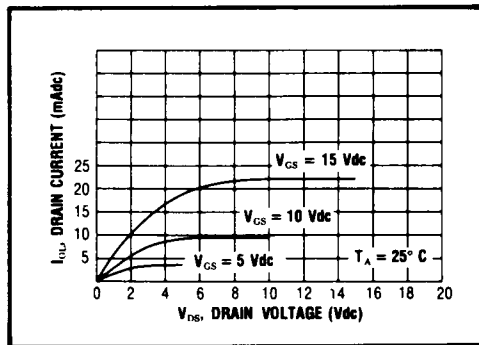
- ² T_{LOW} = -55°C for C, D, F, H device.
 = -40°C for E device.
 T_{HIGH} = +125°C for C, D, F, H device.
 = + 85°C for E device.

DYNAMIC CHARACTERISTICS (C_L = 50pF, T_A = 25°C)

PARAMETER		V _{DD} (Vdc)	Min.	Typ.	Max.	Units	
PROPAGATION DELAY TIME From D Inputs	t _{PLH} , t _{PHL}	5	—	420	840	ns	
		10	—	175	350		
		15	—	120	240		
	From W Input	t _{PLH} , t _{PHL}	5	—	250	500	ns
			10	—	100	200	
			15	—	70	140	
OUTPUT TRANSITION TIME	t _{TLH} , t _{THL}	5	—	130	260	ns	
		10	—	65	130		
		15	—	50	100		



Typical P-Channel
Source Current Characteristics



Typical N-Channel
Sink Current Characteristics