

74AC541, 74ACT541

ABSOLUTE MAXIMUM RATINGS

Symbol	Parameter	Rating	Unit
V_{CC}	Supply Voltage	-0.5 to +6.5	V
I_{IK}	DC Input Diode Current $V_I = -0.5\text{ V}$ $V_I = V_{CC} + 0.5\text{ V}$	-20 +20	

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DC ELECTRICAL CHARACTERISTICS FOR AC

Symbol	Parameter	V _{CC} (V)	Conditions	T _A = +25°C		T _A = -40°C to +85°C		Units
				Typ.	Guaranteed Limits			
V _{IH}	Minimum HIGH Level Input Voltage	3.0	V _{OUT} = 0.1 V or V _{CC} - 0.1 V	1.5	2.1	2.1		V
		4.5		2.25	3.15	3.15		
		5.5		2.75	3.85	3.85		
V _{IL}	Maximum LOW Level Input Voltage	3.0	V _{OUT} = 0.1 V or V _{CC} - 0.1 V	1.5	0.9	0.9		V
		4.5		2.25	1.35	1.35		
		5.5		2.75	1.65	1.65		
V _{OH}	Minimum HIGH Level Output Voltage	3.0	I _{OUT} = -50 μA	2.99	2.9	2.9		

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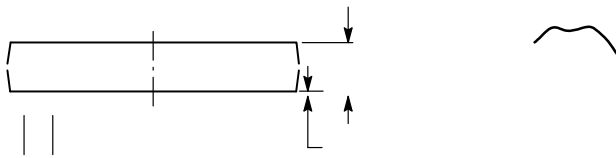
74AC541, 74ACT541

ORDERING INFORMATION

Device	Marking	Package	Shipping†
74AC541MTC	AC 541	TSSOP-20	

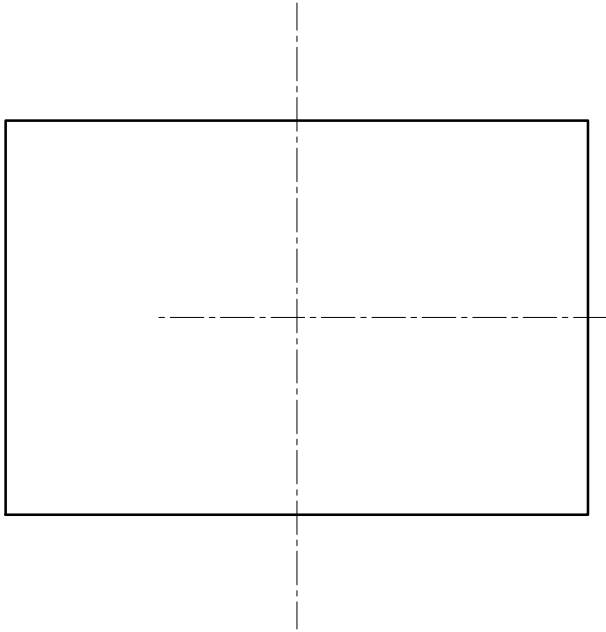
SOIC-20 WB
CASE 751D-05
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TSSOP-20 WB

TSSOP20, 4.4x6.5



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