Chip back potential is the level which bulk silicon is maintained by on-chip connection, or it is the level to which the chip back must be connected when specifically stated below. If no potential is given the chip back should be isolated.

**PAD FUNCTIONS:**

1. **N. OE**
2. **D0**
3. **D1**
4. **D2**
5. **D3**
6. **D4**
7. **D5**
8. **D6**
9. **D7**
10. **GND**
11. **CP**
12. **Q7**
13. **Q6**
14. **Q5**
15. **Q4**
16. **Q3**
17. **Q2**
18. **Q1**
19. **Q0**
20. **VCC**

**.079”**

**.098”**

**HCT574E5**

**18 17 16 15 14 13**

**3 4 5 6 7 8**

**12**

**11**

**10**

 **9**

**19**

**20**

**1**

**2**

**DIE ID**

**Top Material: Al**

**Backside Material: Si**

**Bond Pad Size: .0036” X .0036”**

**Backside Potential: FLOATING or tie to VCC**

**Mask Ref: HCT574E5**

**APPROVED BY: DK DIE SIZE .079” X .098” DATE: 8/30/21**

**MFG: TEXAS INSTRUMENTS THICKNESS .025” P/N: 54HCT574**

**DG 10.1.2**

#### Rev B, 7/19/02