

## **Status Bits**

- **N = 1 if the result is negative**  
**N = 0 otherwise**
- **Z = 1 if the result is all zeros**  
**Z = 0 otherwise**
- **V = 1 if a signed integer overflow occurred**  
**V = 0 otherwise**
- **C = 1 if an unsigned integer overflow occurred**  
**C = 0 otherwise**