

- When the trace unit is enabled, access to this field is **UNKNOWN/WI**.

- Otherwise, access to this field is **RO**.

## IDLE, bit [0]

Idle status.

IDLE	Meaning
0b0	The trace unit is not idle.
0b1	The trace unit is idle.

## Accessing TRCSTATR

Accesses to this register use the following encodings in the System register encoding space:

### MRS <Xt>, TRCSTATR

op0	op1	CRn	CRm	op2
0b10	0b001	0b0000	0b0011	0b000

```

if PSTATE.EL == EL0 then
    UNDEFINED;
elsif PSTATE.EL == EL1 then
    if Halted() && HaveEL(EL3) && EDSCR.SDD == '1'
    && boolean IMPLEMENTATION_DEFINED "EL3 trap priority
    when SDD == '1'" && CPTR_EL3.TTA == '1' then
        UNDEFINED;
    elsif CPACR_EL1.TTA == '1' then
        AArch64.SystemAccessTrap(EL1, 0x18);
    elsif EL2Enabled() && CPTR_EL2.TTA == '1' then
        AArch64.SystemAccessTrap(EL2, 0x18);
    elsif EL2Enabled() &&
    IsFeatureImplemented(FEAT_FGT) && (!HaveEL(EL3) ||
    SCR_EL3.FGTEn == '1') && HDFGRTR_EL2.TRCSTATR == '1'
    then
        AArch64.SystemAccessTrap(EL2, 0x18);
    elsif HaveEL(EL3) && CPTR_EL3.TTA == '1' then
        if Halted() && EDSCR.SDD == '1' then
            UNDEFINED;
        else
            AArch64.SystemAccessTrap(EL3, 0x18);
        end
    else
        X[t, 64] = TRCSTATR;
    elsif PSTATE.EL == EL2 then
        if Halted() && HaveEL(EL3) && EDSCR.SDD == '1'
        && boolean IMPLEMENTATION_DEFINED "EL3 trap priority
        when SDD == '1'" && CPTR_EL3.TTA == '1' then
            UNDEFINED;
        elsif CPTR_EL2.TTA == '1' then
            AArch64.SystemAccessTrap(EL2, 0x18);
        elsif HaveEL(EL3) && CPTR_EL3.TTA == '1' then

```

```
        if Halted() && EDSCR.SDD == '1' then
            UNDEFINED;
        else
            AArch64.SystemAccessTrap(EL3, 0x18);
    else
        X[t, 64] = TRCSTATR;
elseif PSTATE.EL == EL3 then
    if CPTR_EL3.TTA == '1' then
        AArch64.SystemAccessTrap(EL3, 0x18);
    else
        X[t, 64] = TRCSTATR;
```

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