

ARM Instruction Set

4.5 Data Processing

The data processing instruction is only executed if the condition is true. The conditions are defined in **Table 4-2: Condition code summary** on page 4-5.

The instruction encoding is shown in **Figure 4-4: Data processing instructions** below.

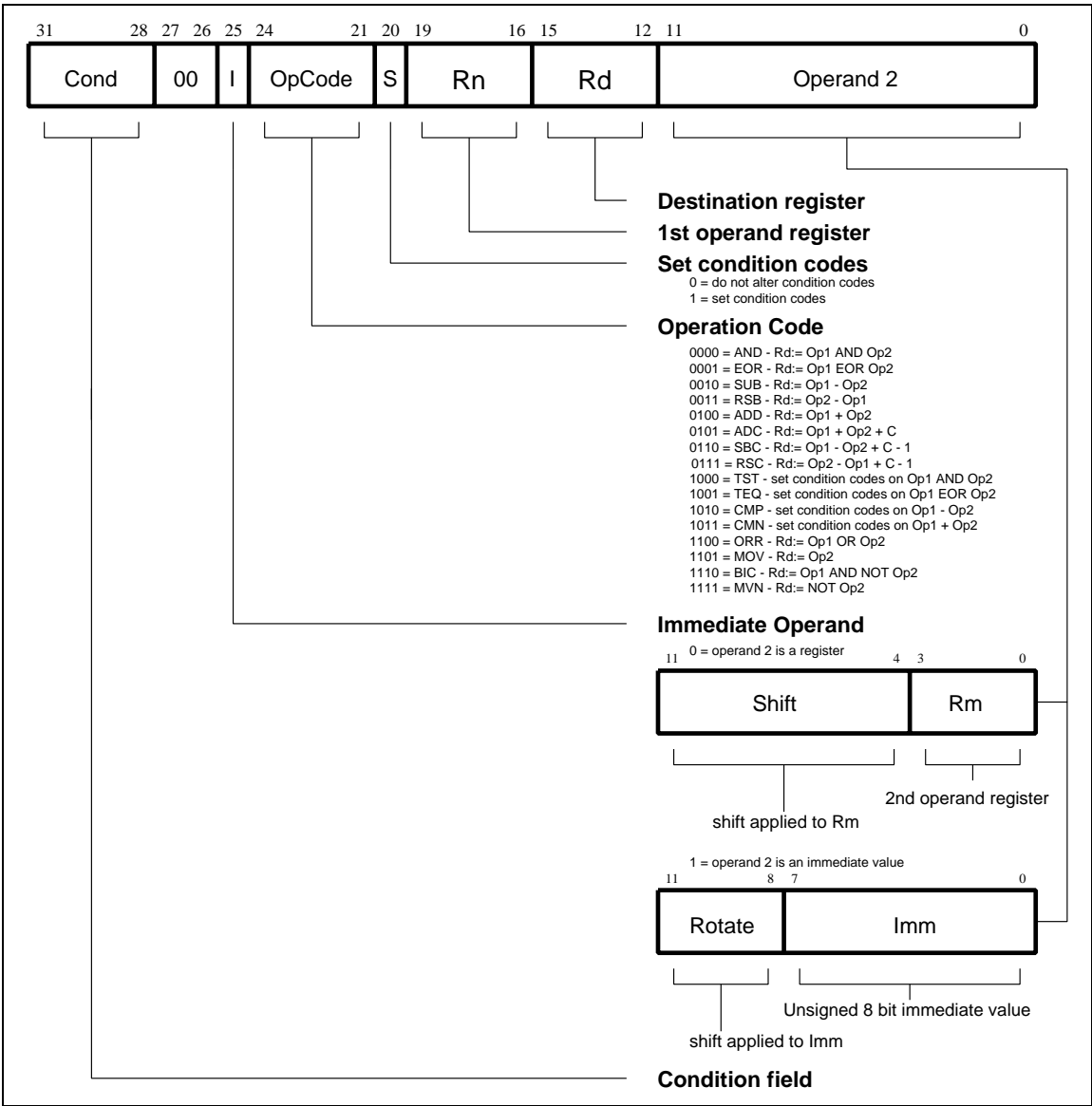


Figure 4-4: Data processing instructions

The instruction produces a result by performing a specified arithmetic or logical operation on one or two operands. The first operand is always a register (Rn).