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Group: TXL22S1-B

1. **Number conversions** 
   1. Convert following numbers to binary numbers
      1. 5510
      2. 67710
      3. 6510
      4. 70010
   2. Convert following base-10 numbers to 2-complement 8 bits numbers.
      1. +59
      2. -1
      3. -128
      4. -97
   3. Convert the following unsigned numbers to the specified radix and size if it is possible. If conversion is not possible state the reason why.
      1. 0xE5 → 8 bit binary
      2. 0x3F1 → 8 bit binary
      3. 0x3E8 → 10 bit binary
      4. 0x73B → 16 bit binary
      5. 0011 00102 → 10 bit binary
      6. 0000 0100 1000 10112 → 12 bit binary
      7. 1101 10012 → 16 bit binary
      8. 0010 0011 10112 → 8 bit binary
   4. Convert the following signed two’s complement numbers to the given size if possible. If conversion is not possible state the reason why.
      1. 1001 11012 → 12 bit binary
      2. 0001 00012 → 16 bit binary
      3. 1111 1111 1010 11112 → 8 bit binary
      4. 1110 1011 1001 00012 → 12 bit binary
      5. 0xFAC → 16 bit binary
      6. 0x0F → 16 bit binary