## CAN ID:
Identifier for CAN-Bus

↓ corresponding J1939 Fields

...1  1000  1111  1111  0000  1001  0000  0000  } CAN ID

Vertical labels under the bits:
- priority
- extended data page
- data page
- PDU format
- PDU specific / Group extension
- Source address (lookup J1939 do)
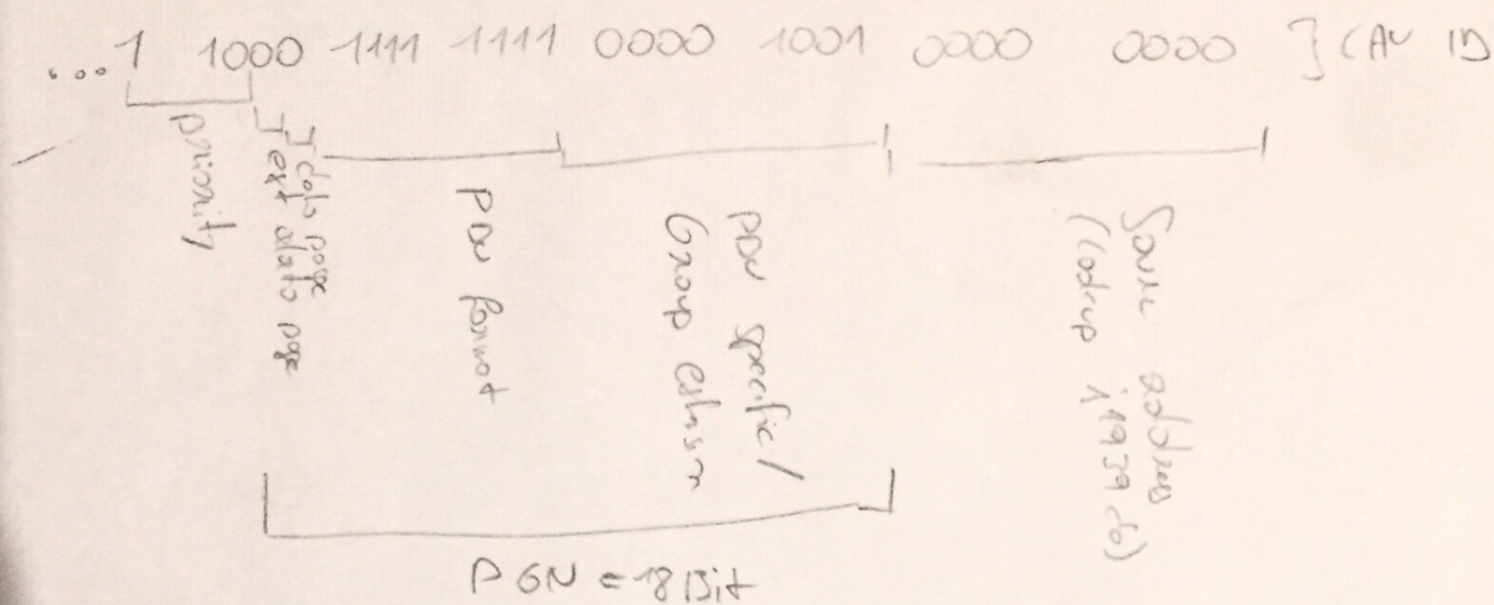
PGN = 18 Bit

## PGN:
- 18 Bit from CAN ID ?
- composed by { ext data page, data pge & PDU format PDU ext }

## Source Address:
- Lookup in J1939 do list
- 1 byte address → 0 - 255 addresses possible
- Most important ones:
  - 254 - Null Address
  - 255 - GLOBAL alias broadcast

# DBC File

PGN → Messages
SPN → Signals

PGN (Message)        *concat(priority, pgn, 0xFFFE)*

 For Each() {                    /

  ○   'BO_' ~ conId ~ *Acronym* ~ : ~ *PGN Data Length* ~ 'Value...

  ○ add comment -- 'CM_ BO_' ~ *conId* ~ "....Text..."


SPN (Signal)

  ○ 'SG_ ' ~ *name* : *stot* | *siz* @ 1 + * (' *scale* , *offset* ') [ *min* | *max* ]
      " *unit* ' Vedot als

  ○ Comment : CM_ SG_ *conid* *spn name* *Comment*

  ○ Spn base attribute : BA_ "SPN" SG_ *conid* *spnname* *spn#*