

com module SGI SU SI SI SP ebit ebit ebit sbit PDUR "Raiting pou"

" COM stack (CAN stack) 4 with Direct PDU and has at least one signal -signal group Triggered - Triggered on change

- signal signal group · Direct PDUs must have Triggered on change
- · periodic pous may have pending signal signal group
- . Hyprid PDUs may have all signal types

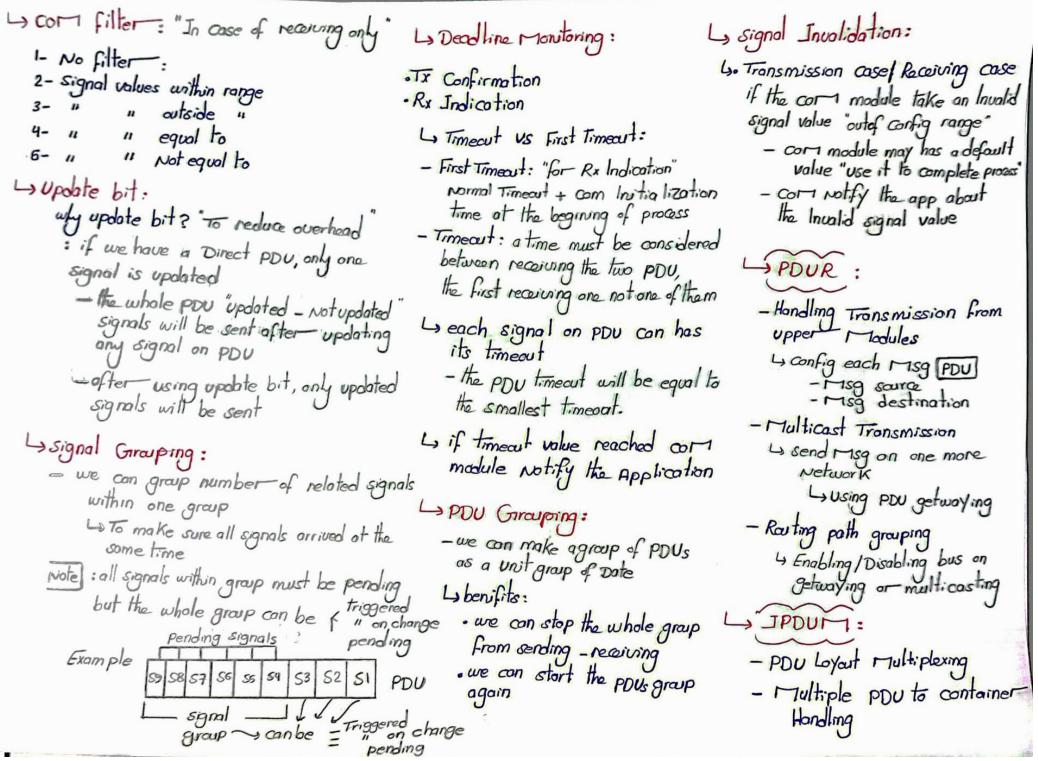
RTE

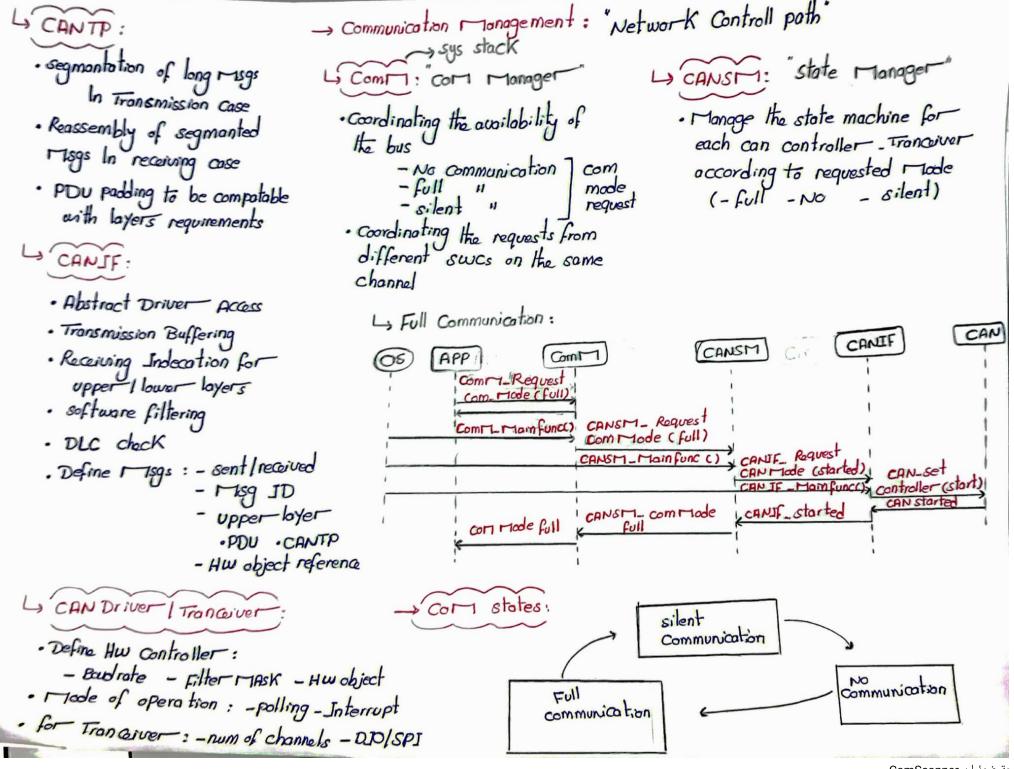
CANTO

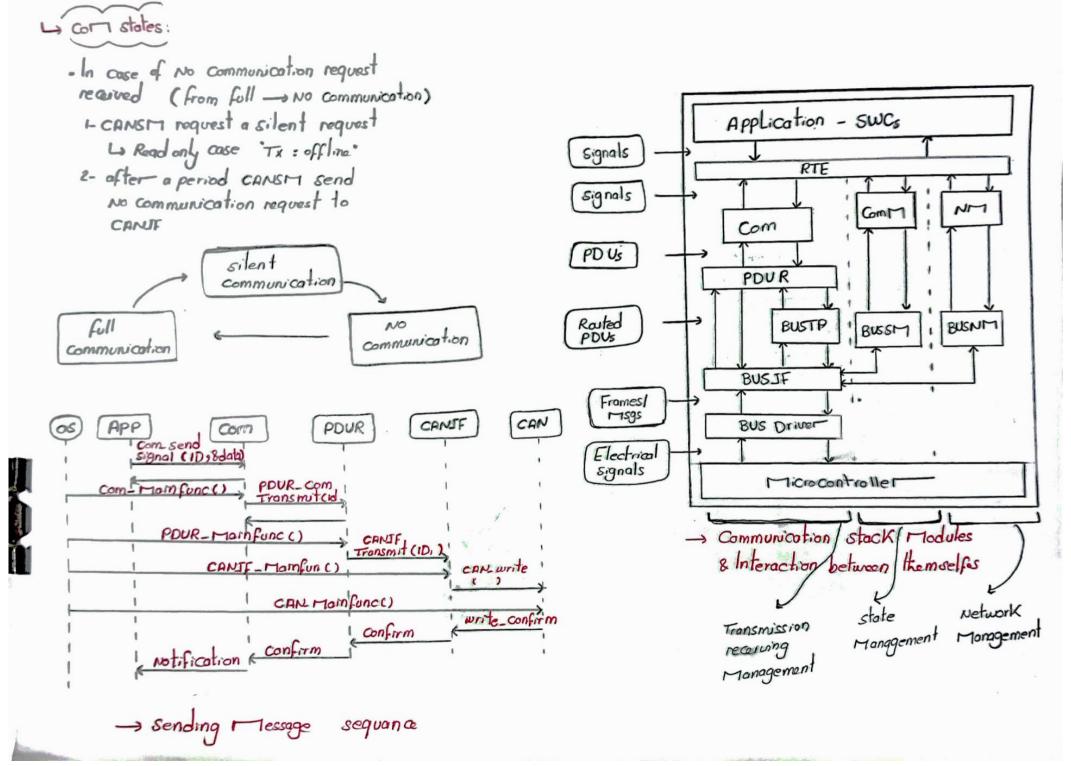
EXT Tronc

CAN

COMP







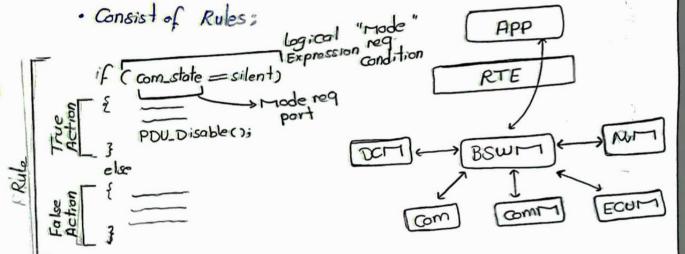
-> Network Management: To Reduce power consumption ECUI / ECUZ / ECUZ / LINM Messages: EOU 5 · Mags Has a fixed JDs [500:517] · purpose : to manage network not exchange data EOU 7 - According to the small range of Mags IDs cluster ! cluster Network using of Data Feild + Msg JD · each cluster has its NM Msg to wake up "start operate" · a cluster can be used to wake up another cluster to define which cluster to wakeup How ECY sense risgs In case of No power? Ly using a smart Tranceiver Mg 10 lbyte 7 byte (56 bit) . smart transaction is the power provider Smart to control 56 cluster Control Trangive each bit refer to a cluster · Monitoring the Bus Smart Transauer check Lif sense a NM Msg to wake up -> provide power to MC both Meg 10 + PNC bit · Mc doesn't receive any Msg send and to transceiver partial Network " Ly using sleep mode of MC to prevent power from MC Ly "low power mode" Little ECU sent on NM msg "Active ECU" Active wakeup bit -0 ontrol Bit vector Ly 11 11 Received 11 11 11 and doesn't sent an 'NM msg "passive ECU" > " u → 0 except "ACK MS9" LIN of Msgs all bits o'

Ly wake up sequance:

- 1) smort Trancitiver received NM Msg
- © " " Connect power to ECU to wake up
 - La sequence of wake up
 - O ECU Call ECUM to start the system
 - ② call communication
 - Busning called by Ninto send of passive nin msg as on ACK of wakeup
 - @ start receiving the actual Msgs
 - 6 check for the NT Msg "aperiodic" function
- @ if there is No NM Msg after a period
- \$ ECU call Franceiver to shutdown"



- · antrolized module communicate with other modules
- · Take Inputs from modules, request services from modules



- → Configuring BSWM:
 - . Create mode request ports
 - · II II condition
 - · Create True / False Actions
 - · create Rule

