

CAN Frame structure Understanding



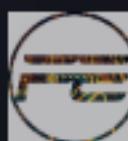
BOSCH

CAN 2.0

Standard CAN

Extended CAN

Activate Windows
Go to Settings to activate Windows.

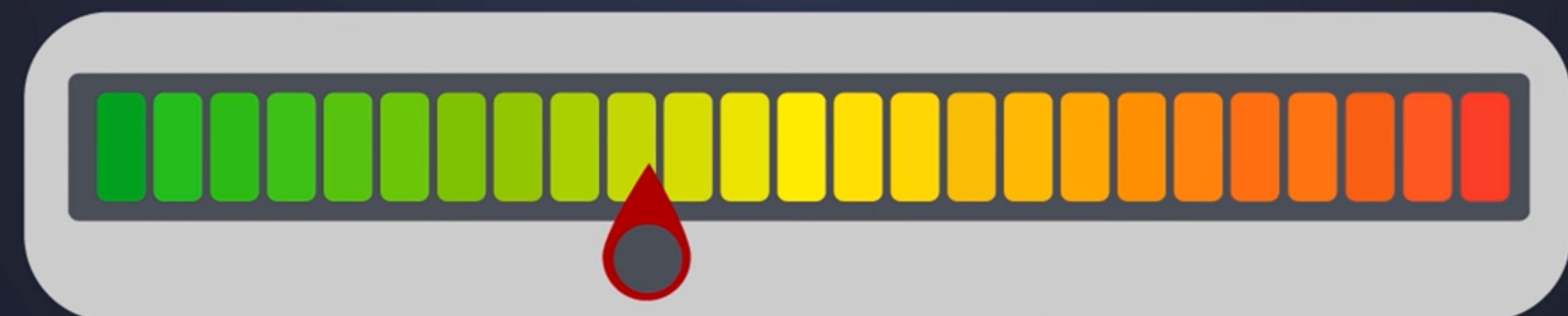


CAN 2.0

Standard CAN

Extended CAN

11-bit identifiers

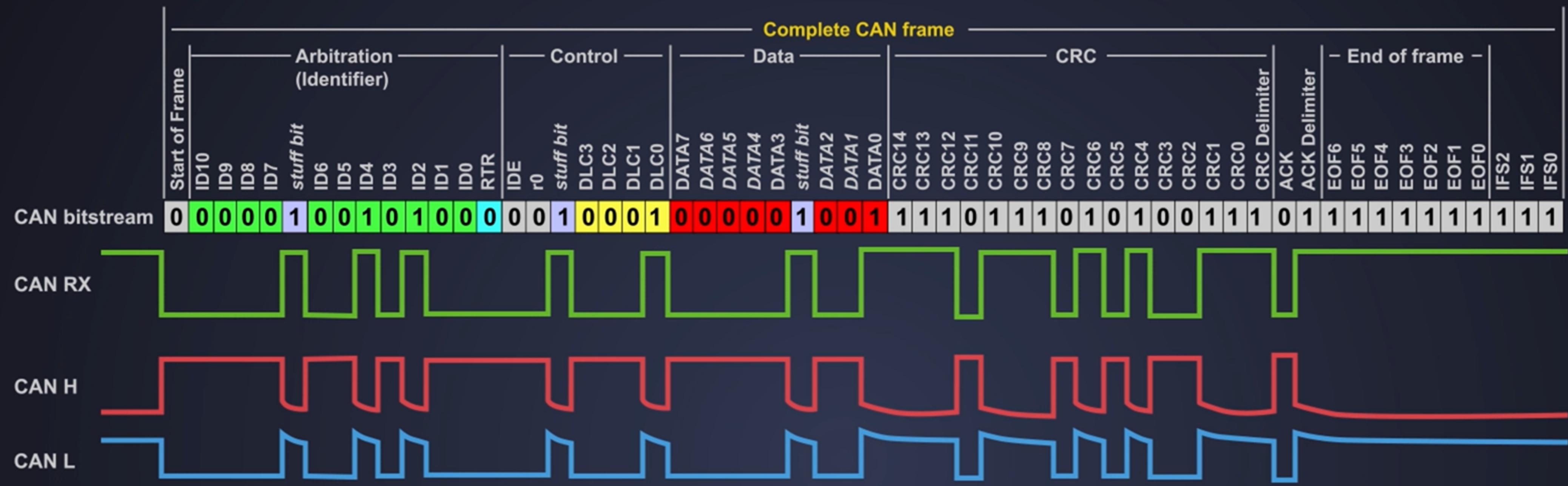


125 kbps

1 mbps

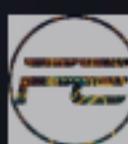
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Activate Windows

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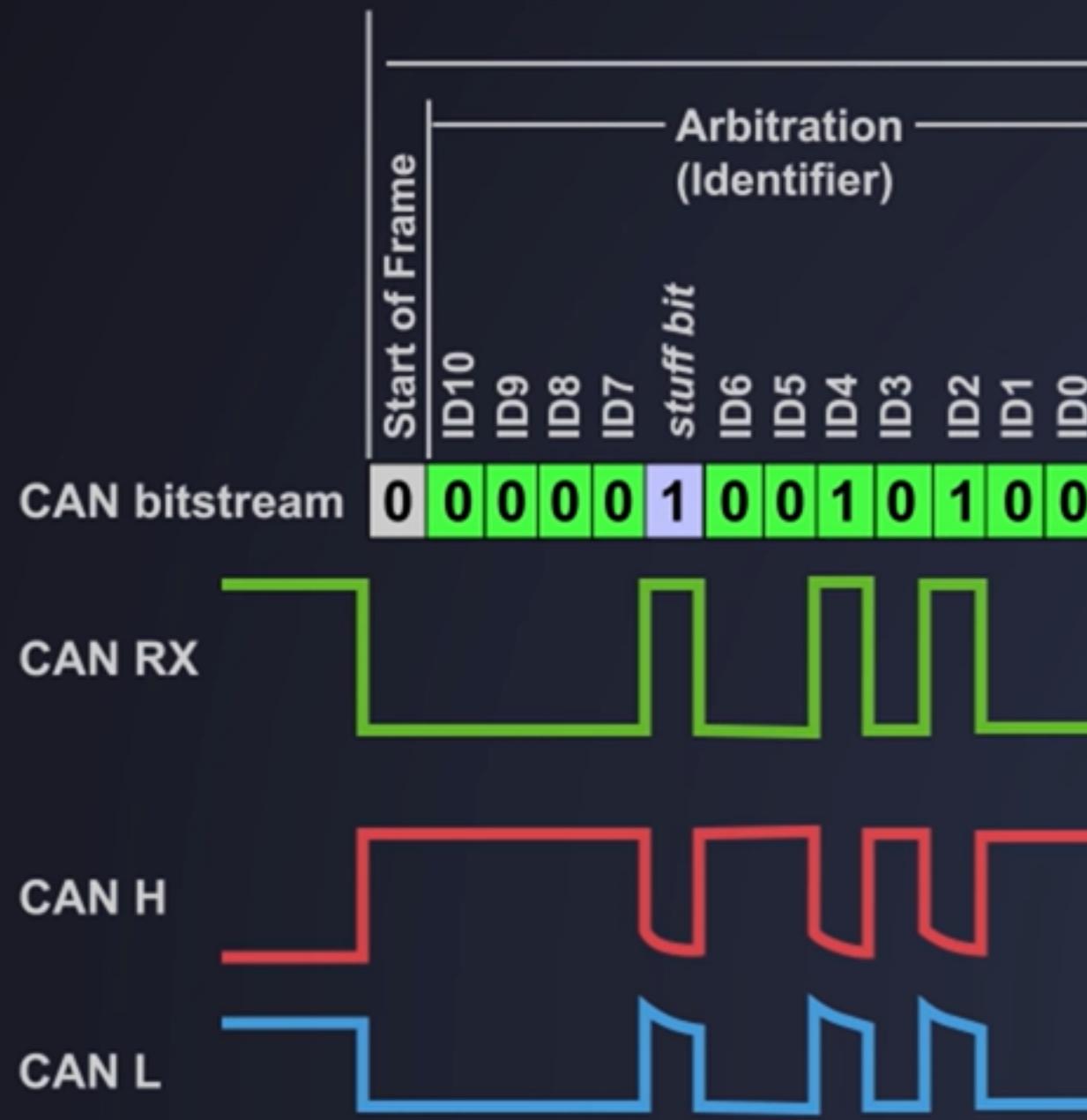
Dominant

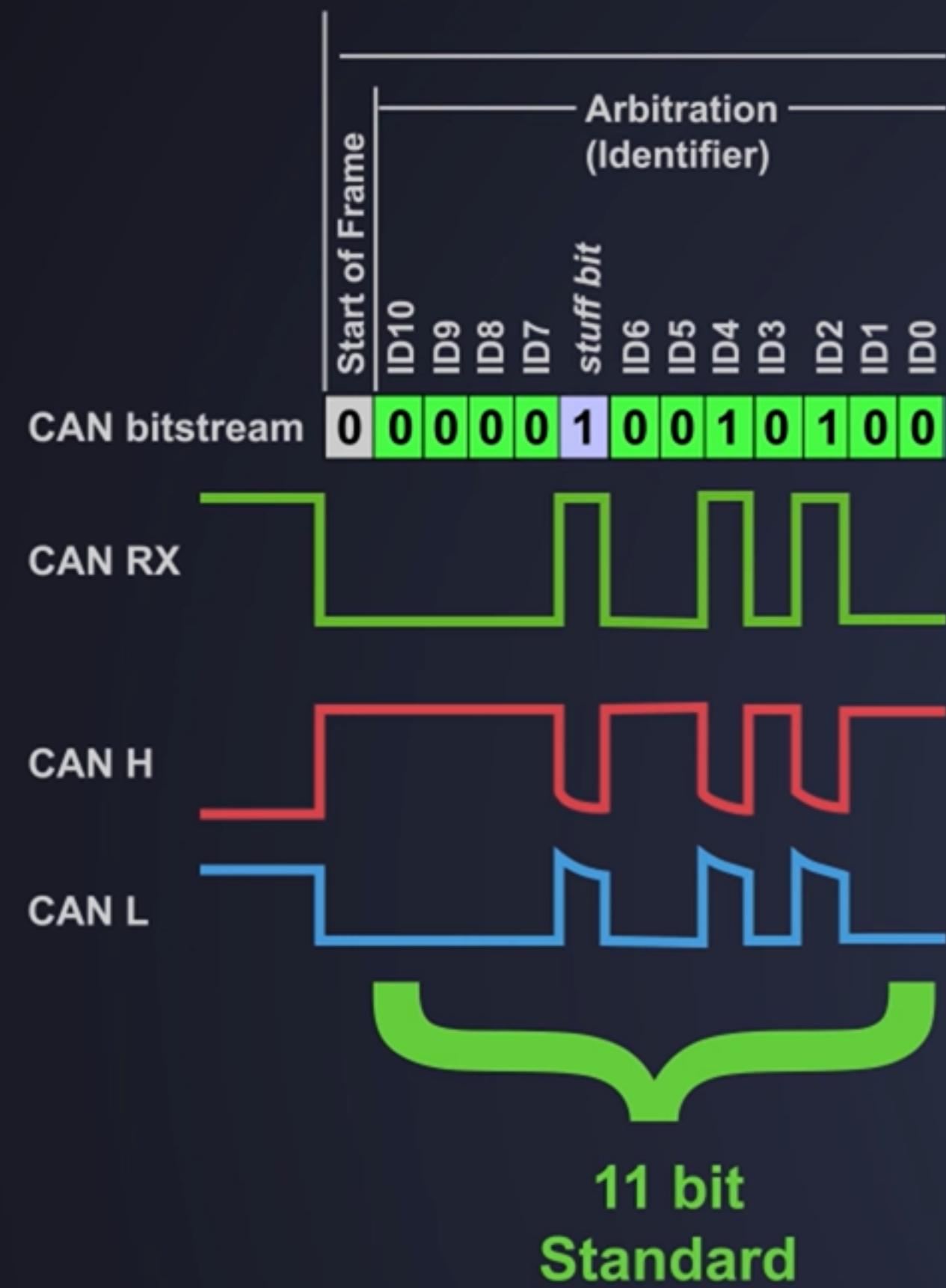
Recessive



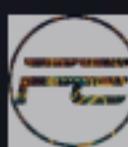
Activate Windows
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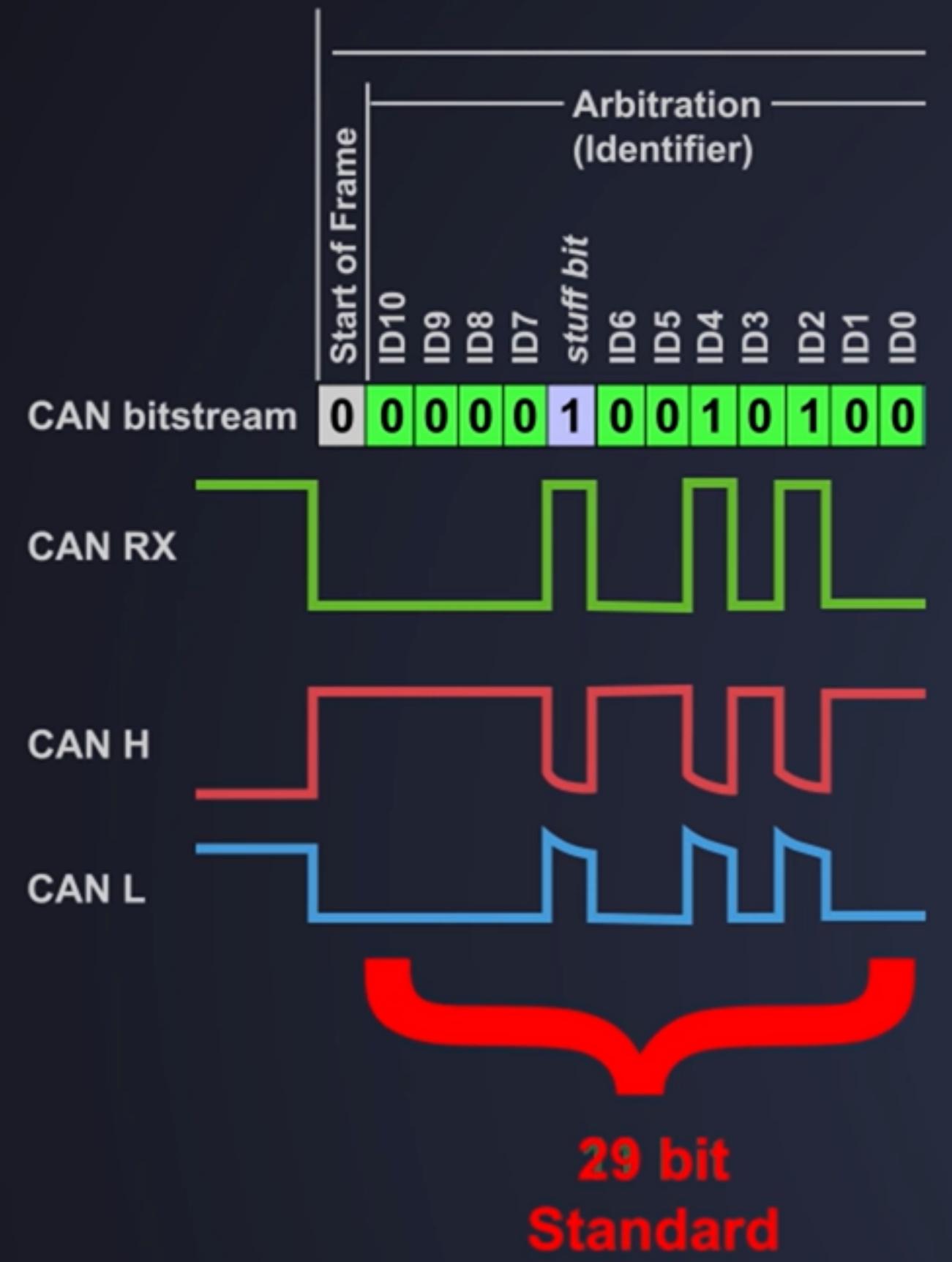




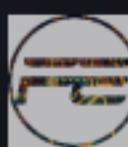


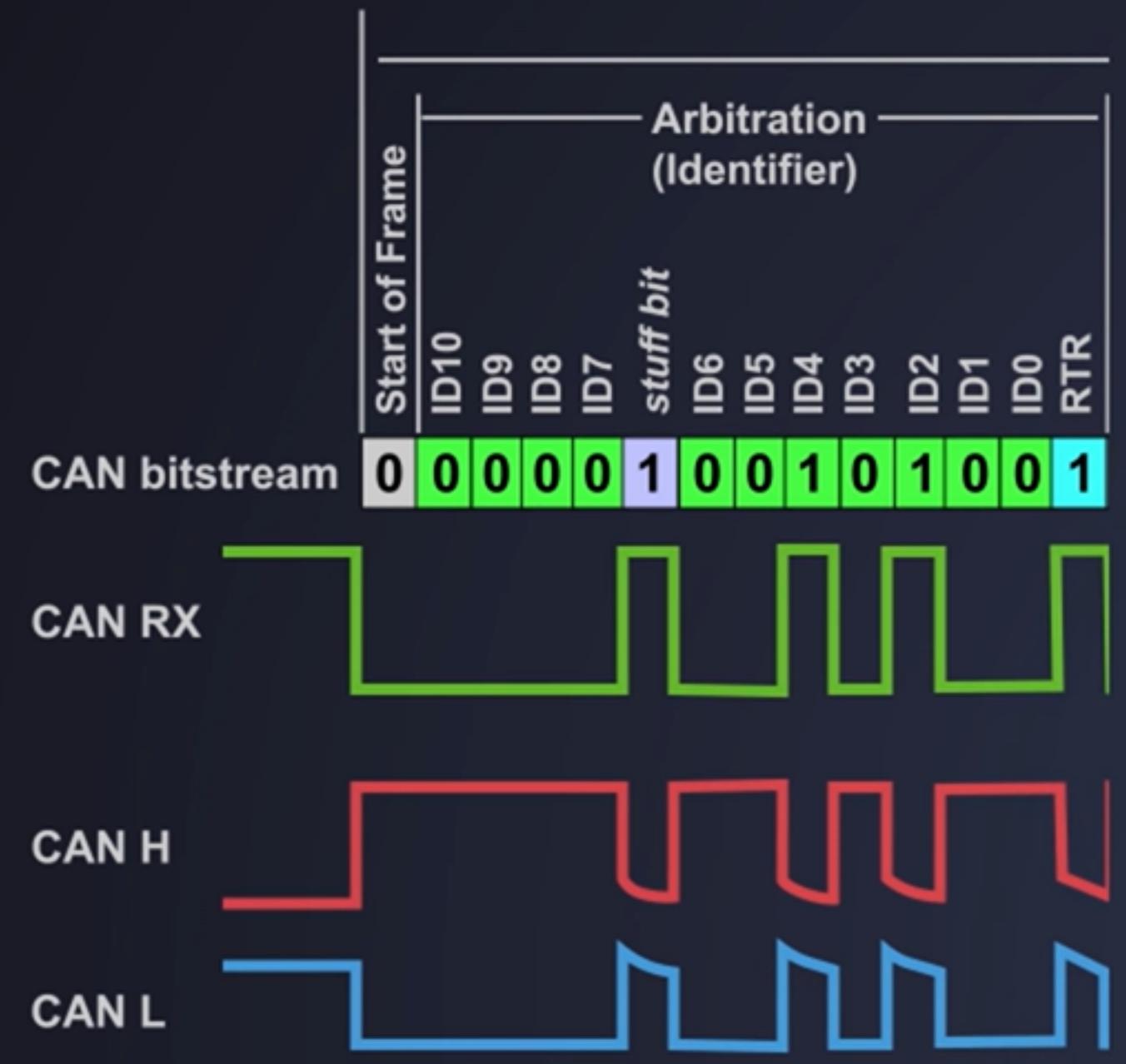
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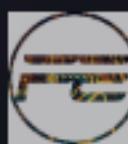


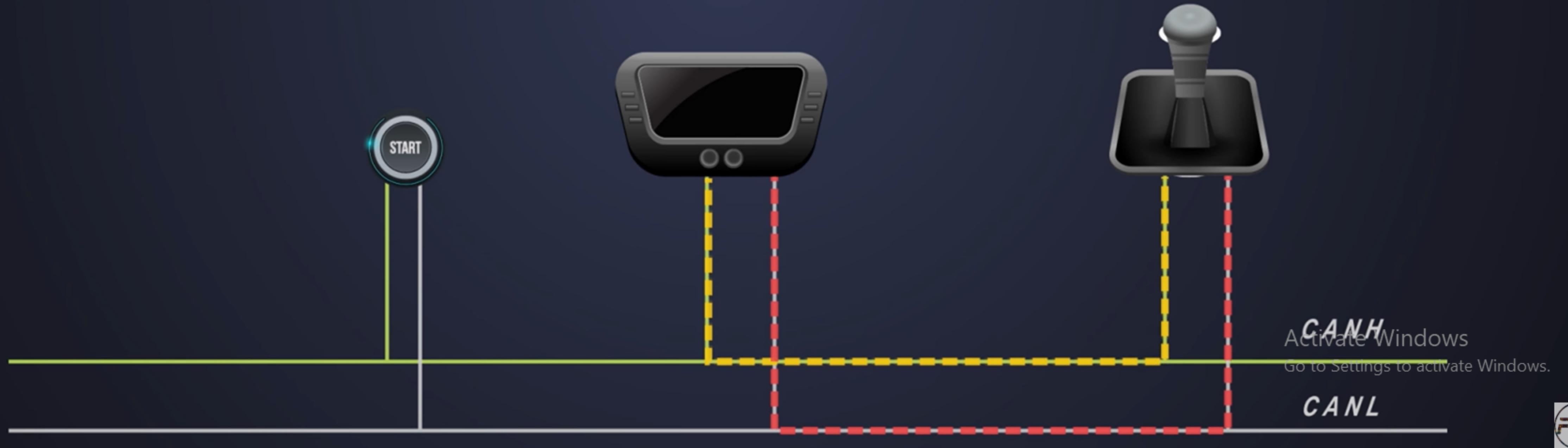
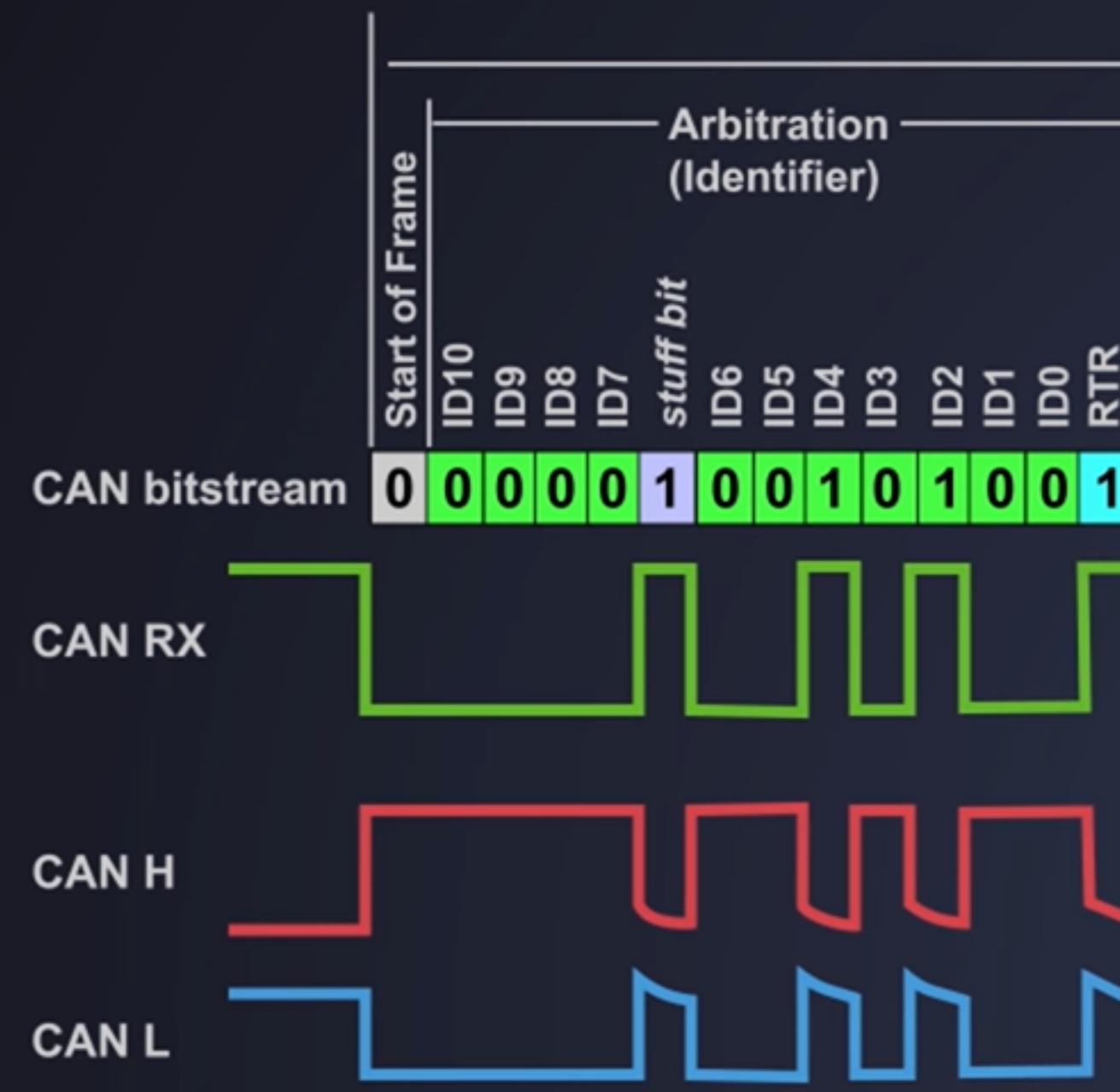


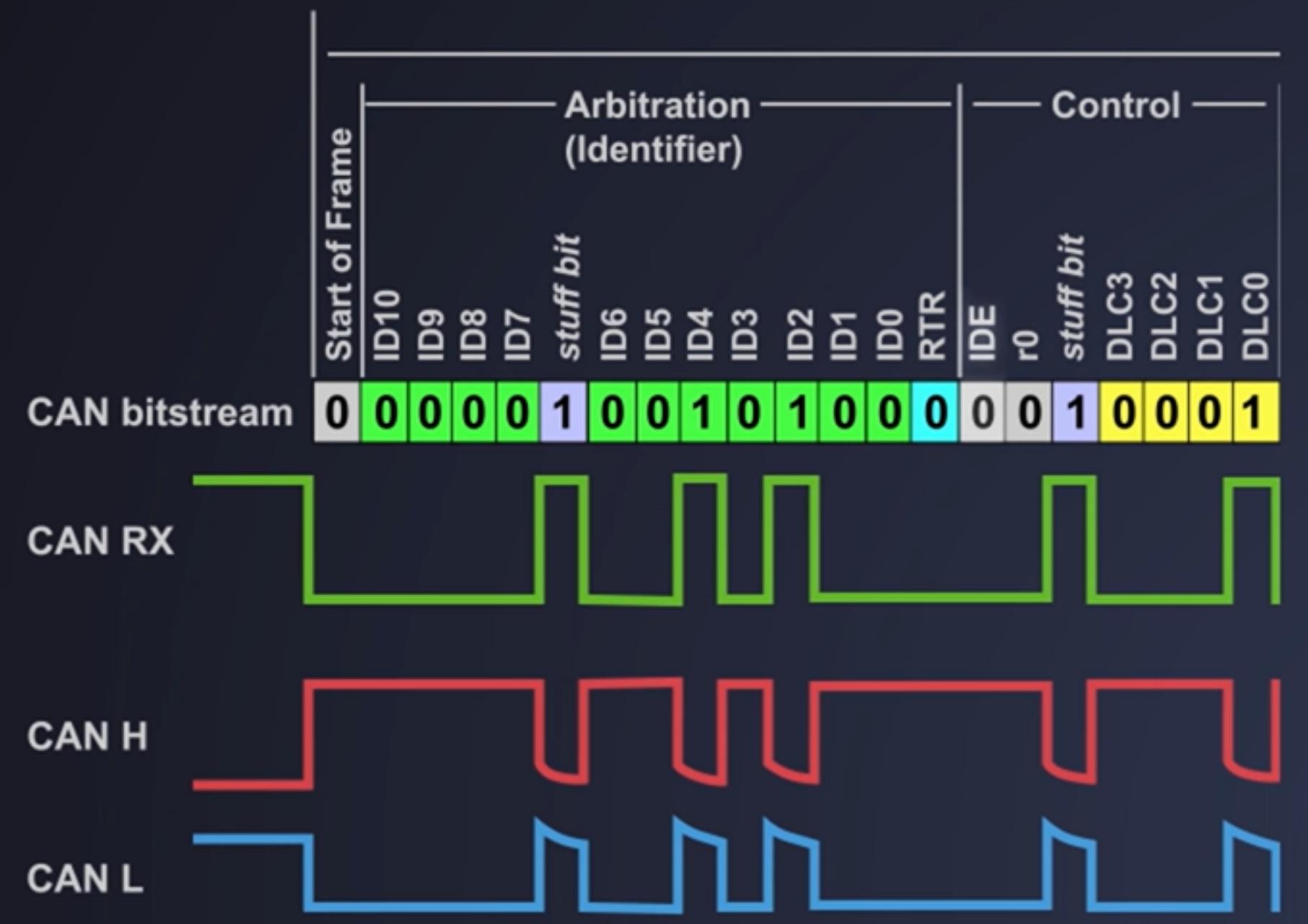
Data Frame

Remote Frame

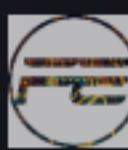
Activate Windows
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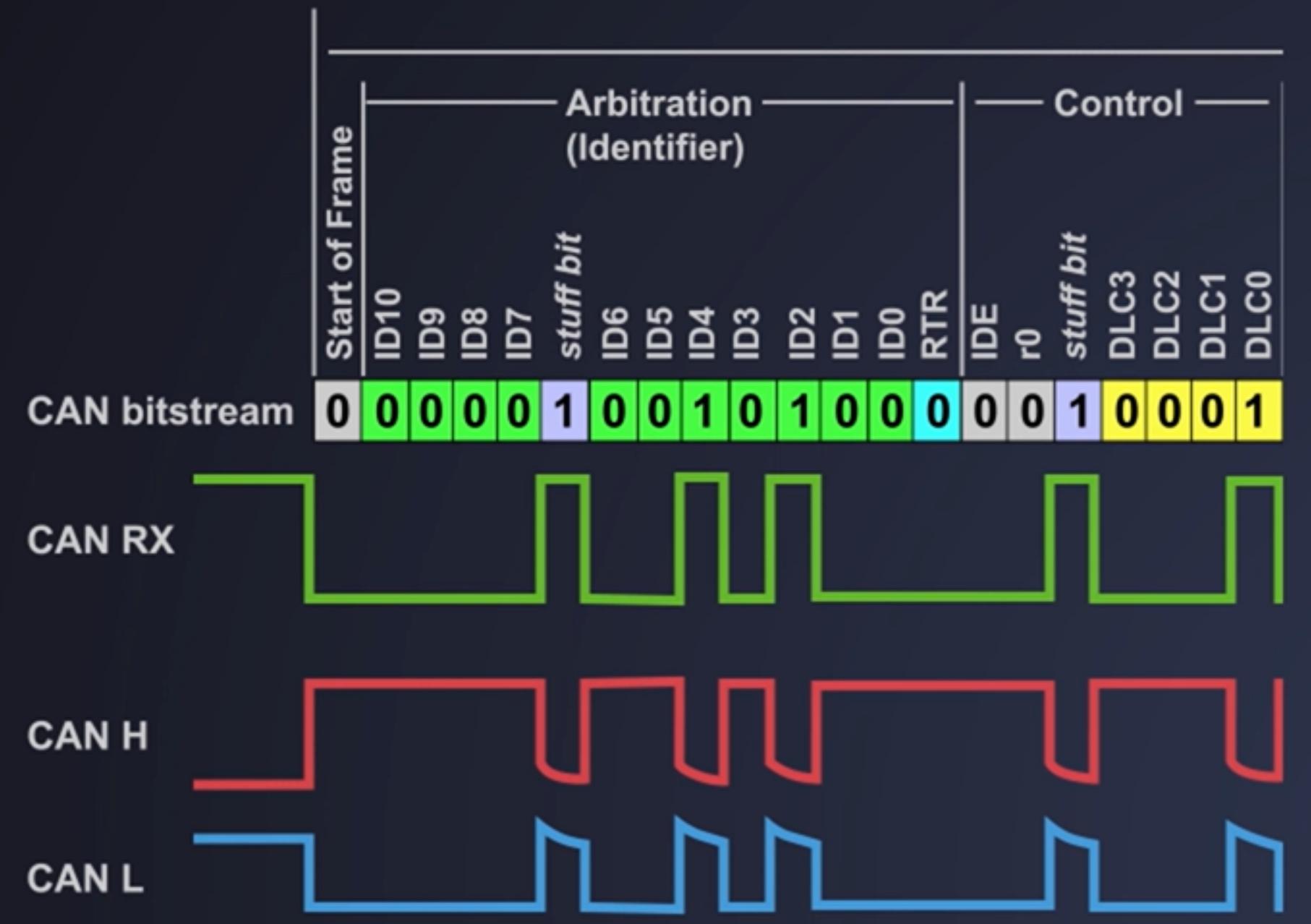






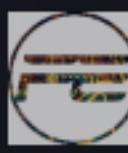
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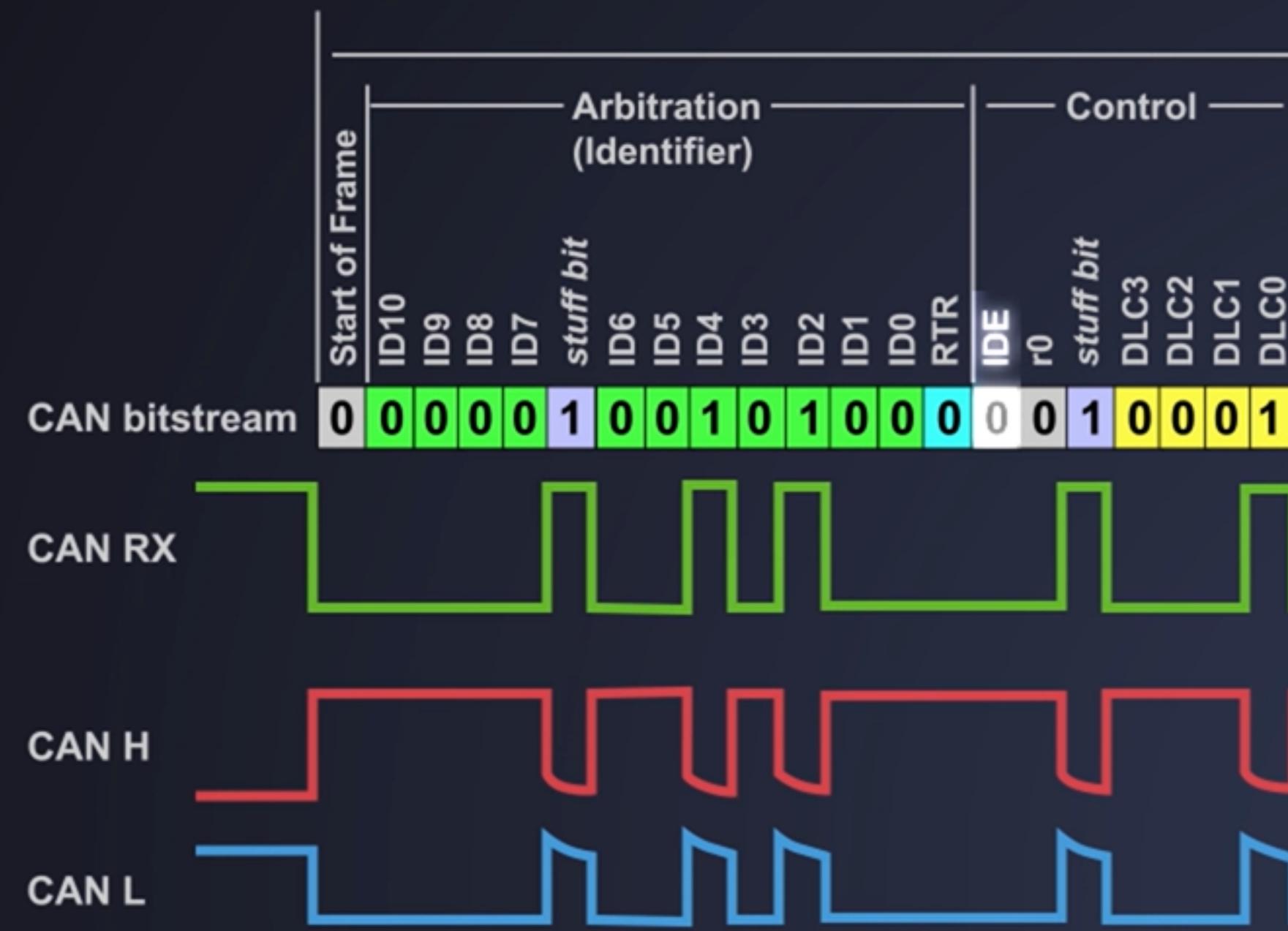




Can we use same bus for standard and extended CAN?

Activate Windows
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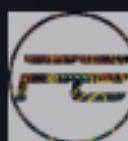


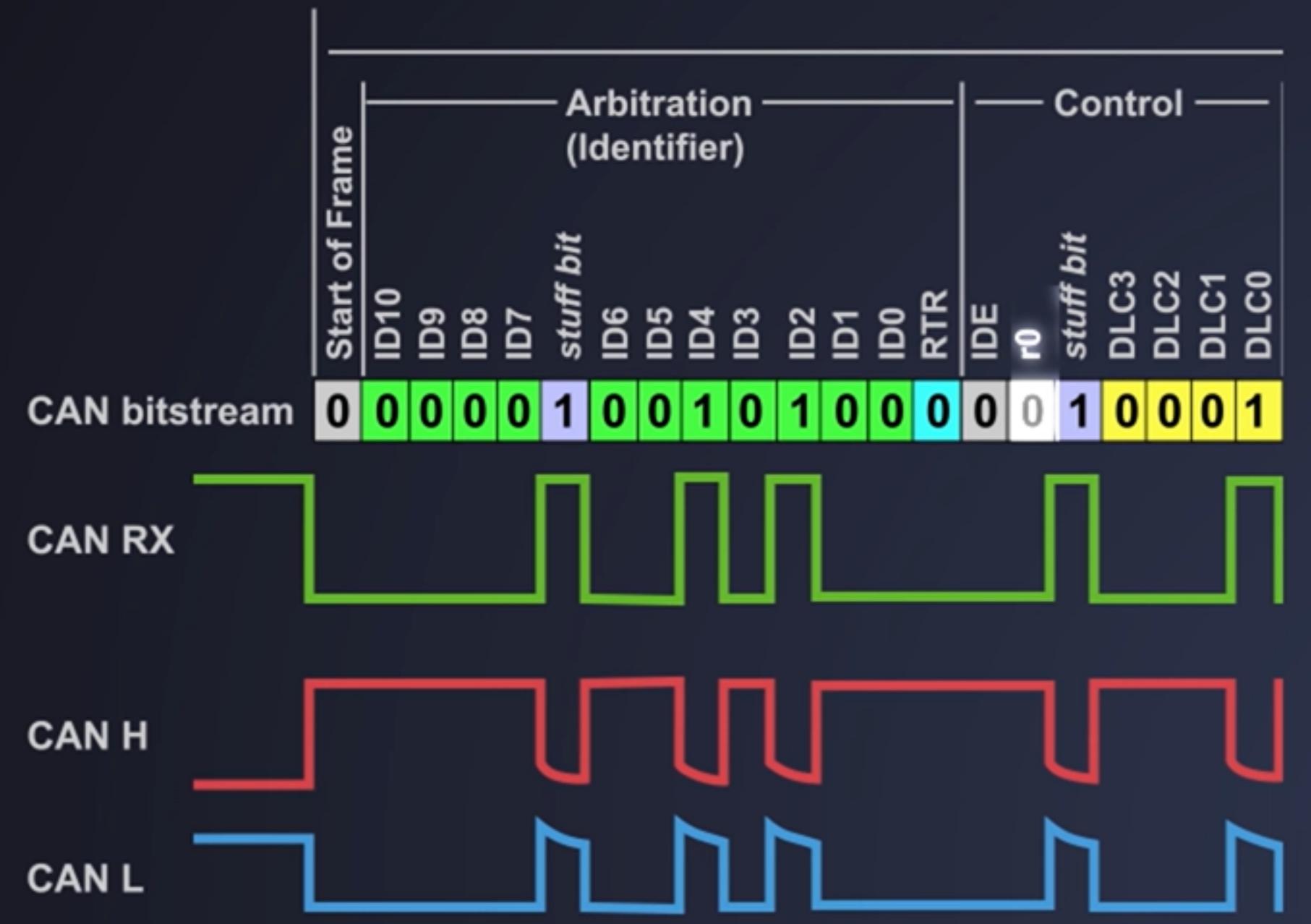
Can we use same bus for standard and extended CAN?

YES

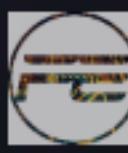
Is it Extended CAN or Standard CAN?

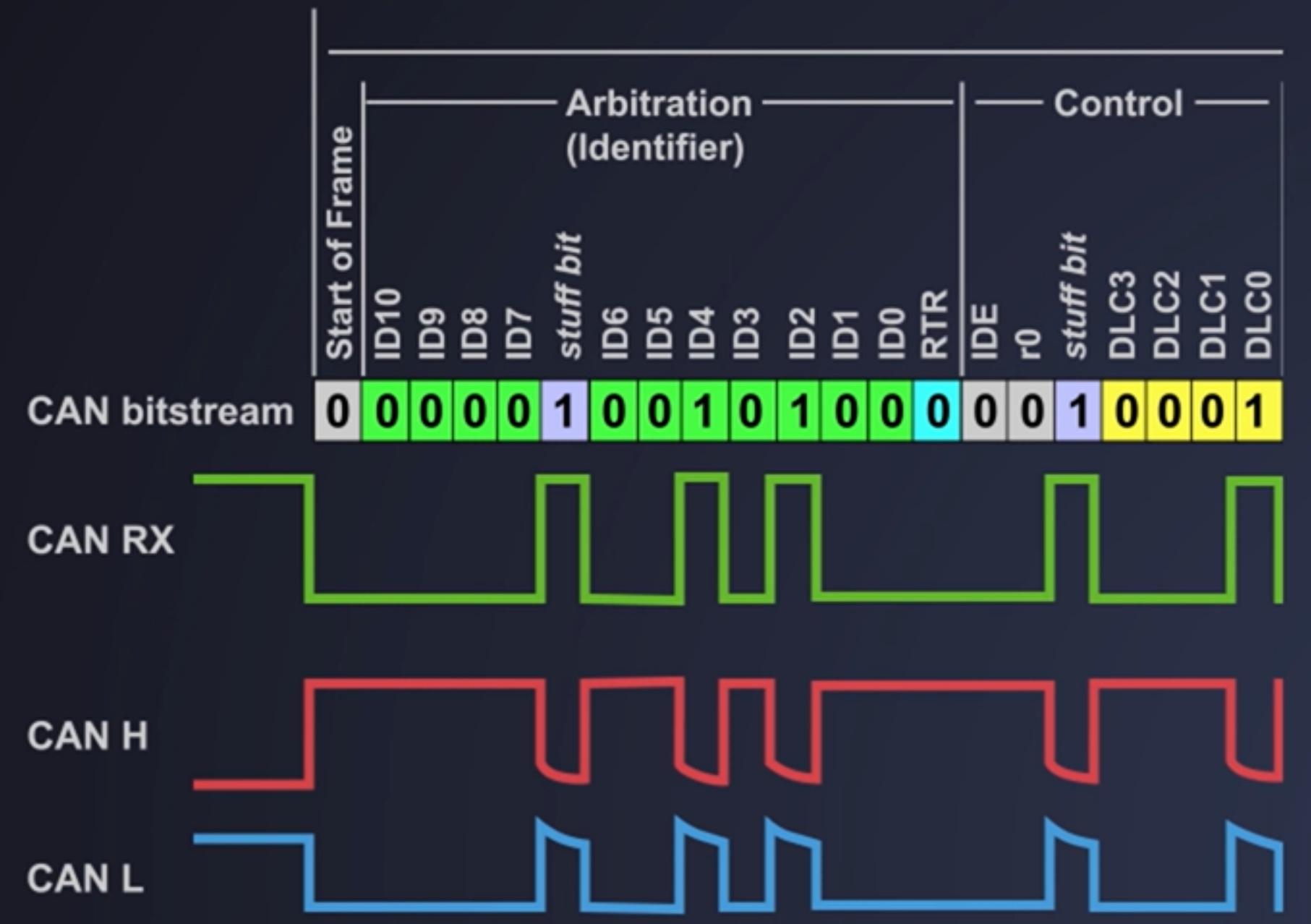
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8-bit

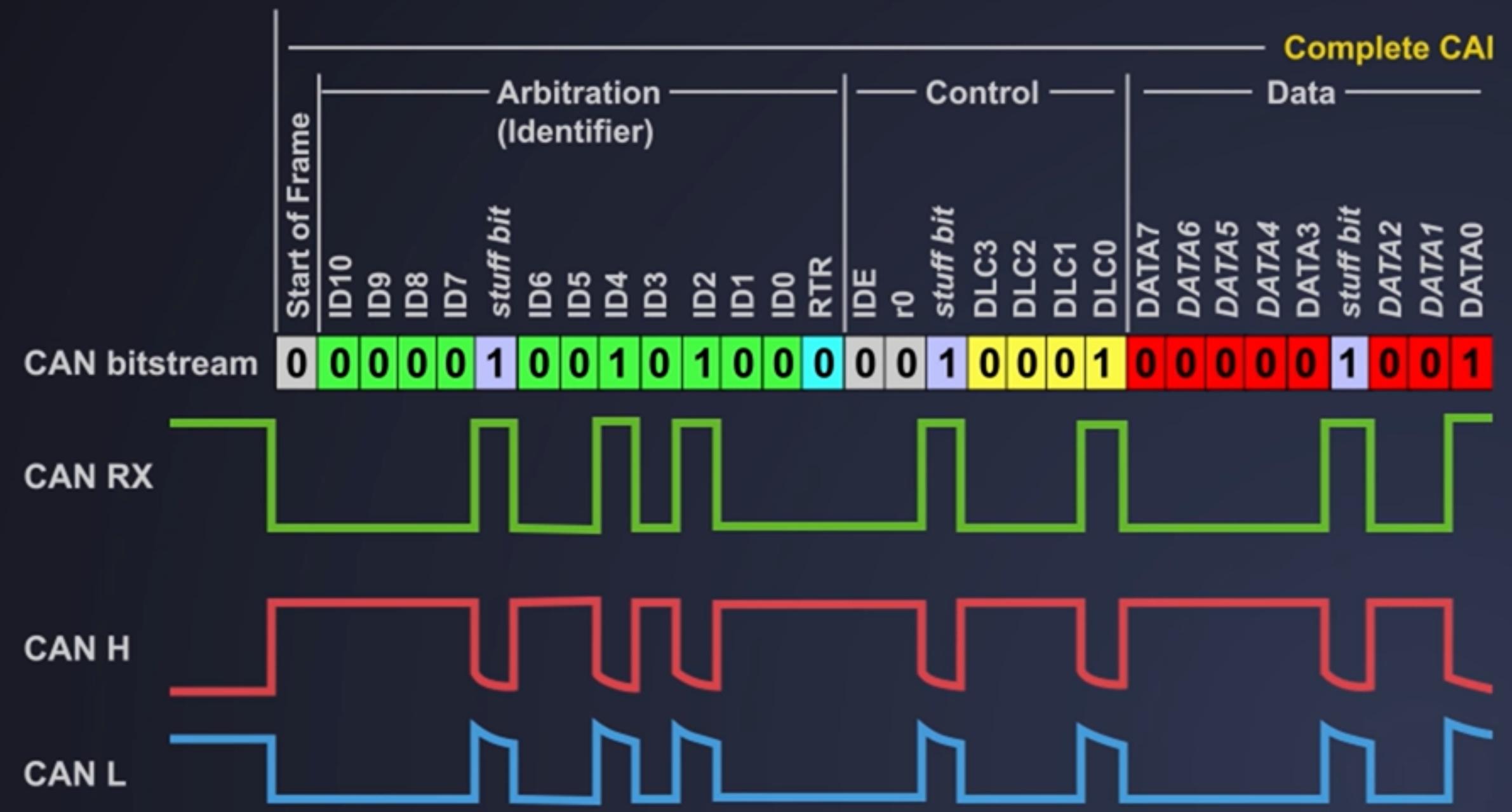
16-bit

32-bit

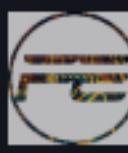
64-bit

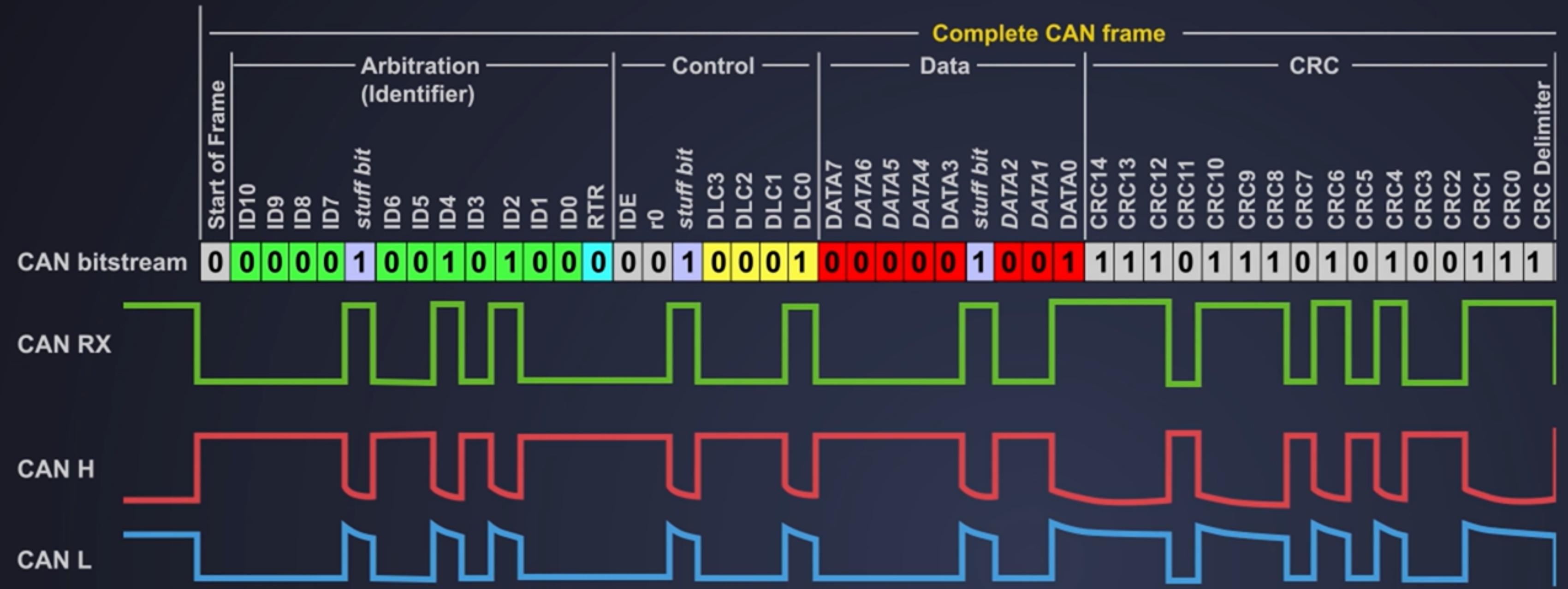
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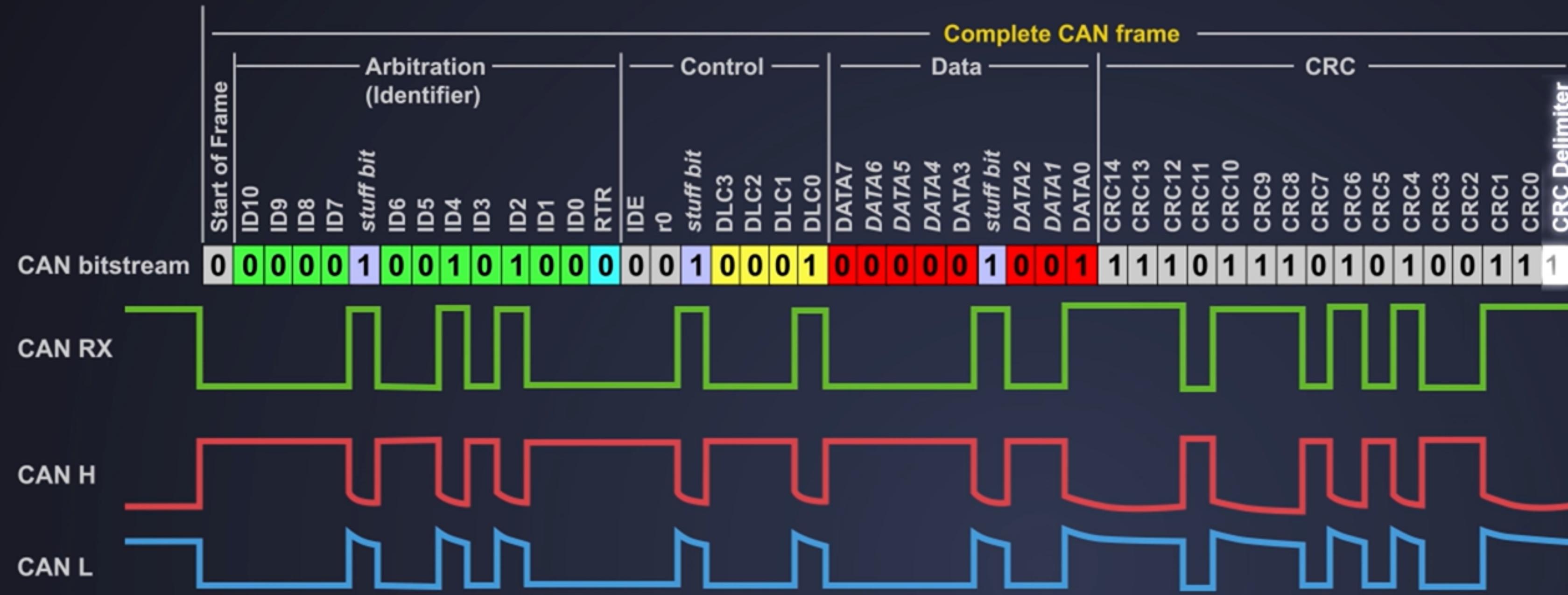
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Activate Windows
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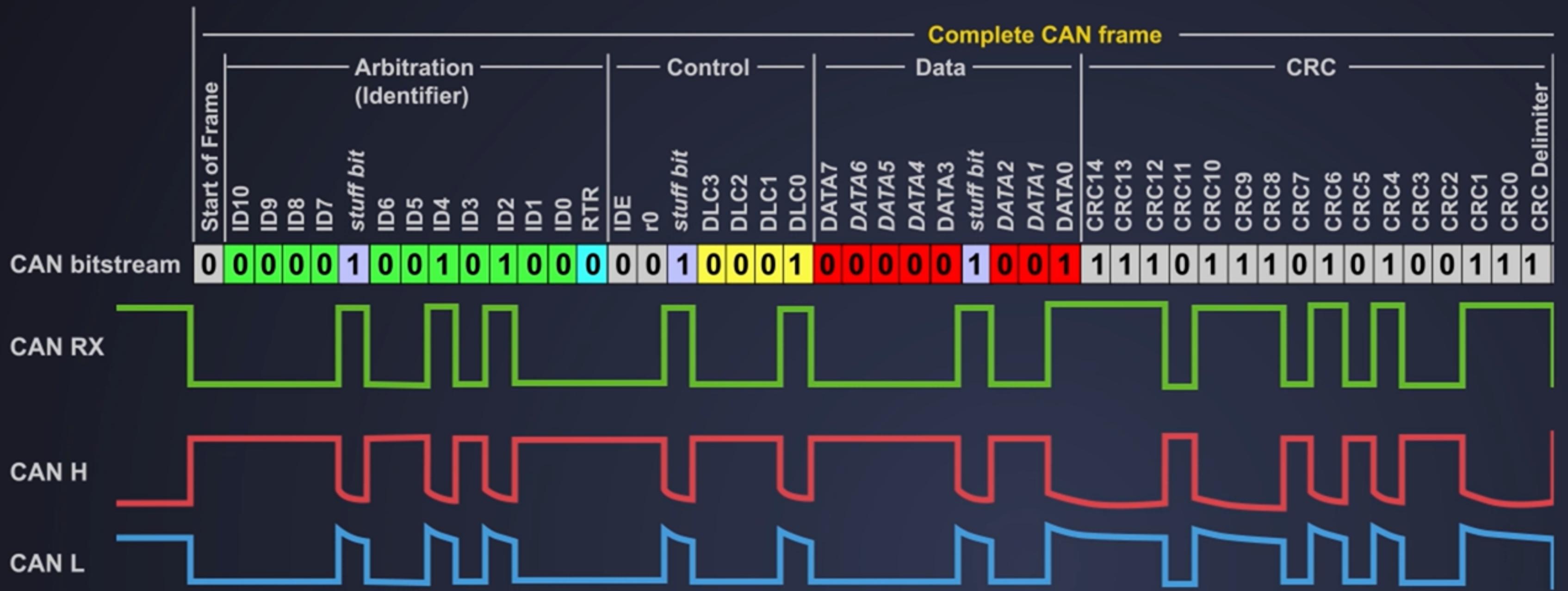




What is a delimiter?
Synchronization time

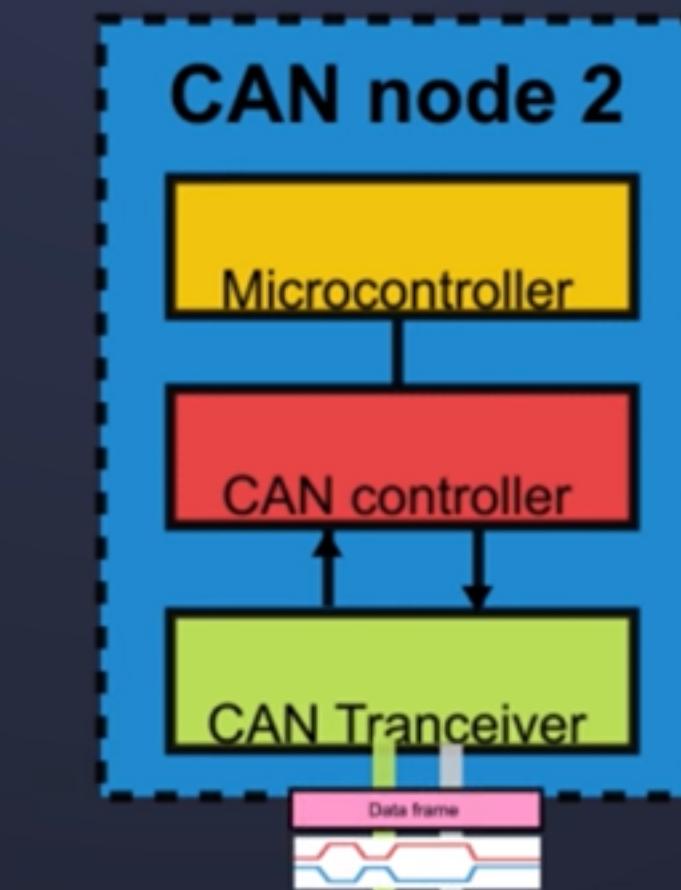
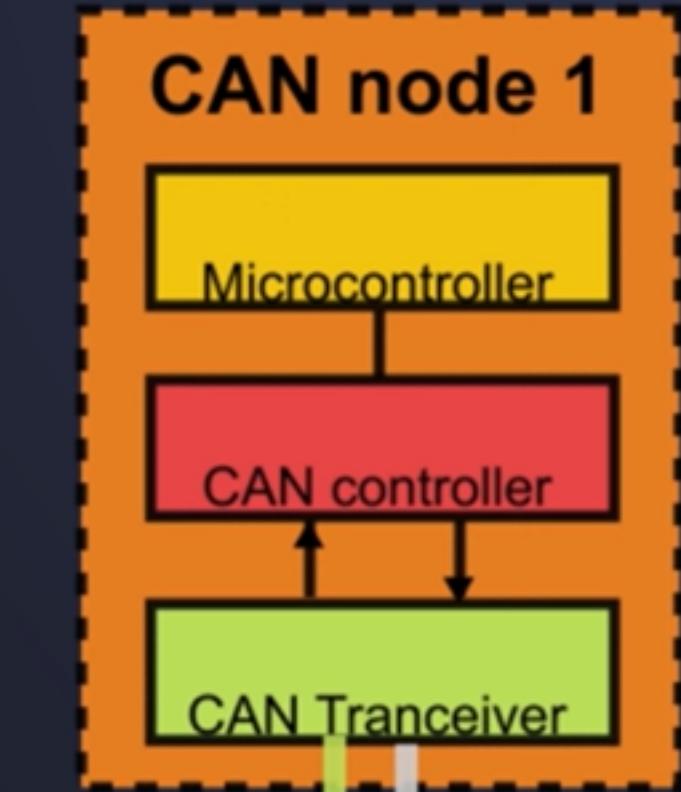
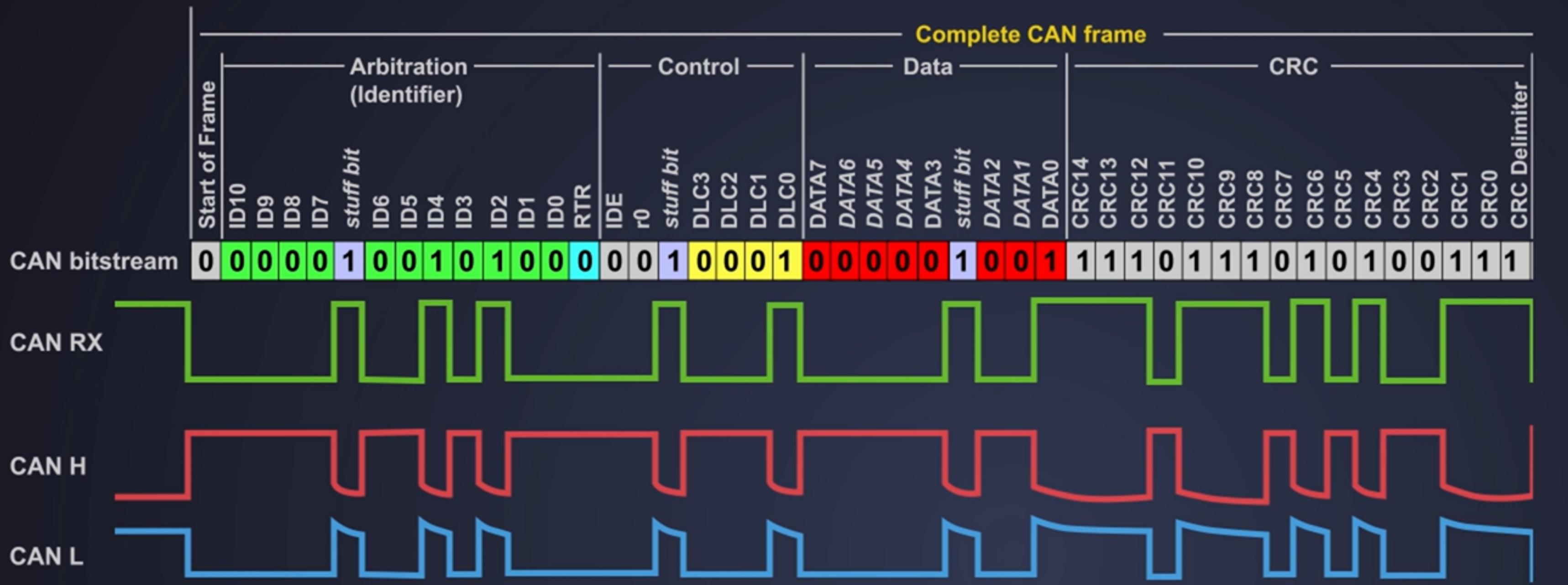
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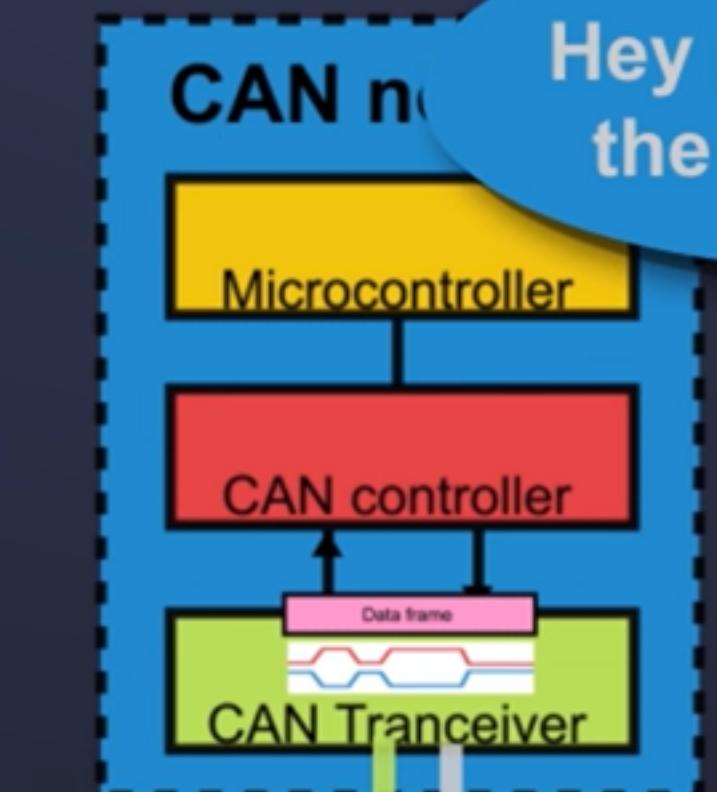
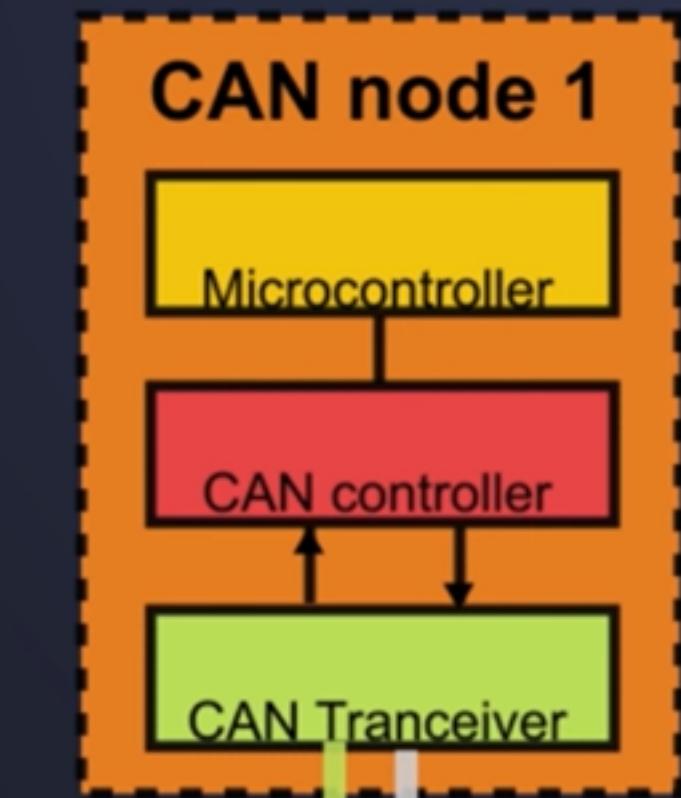
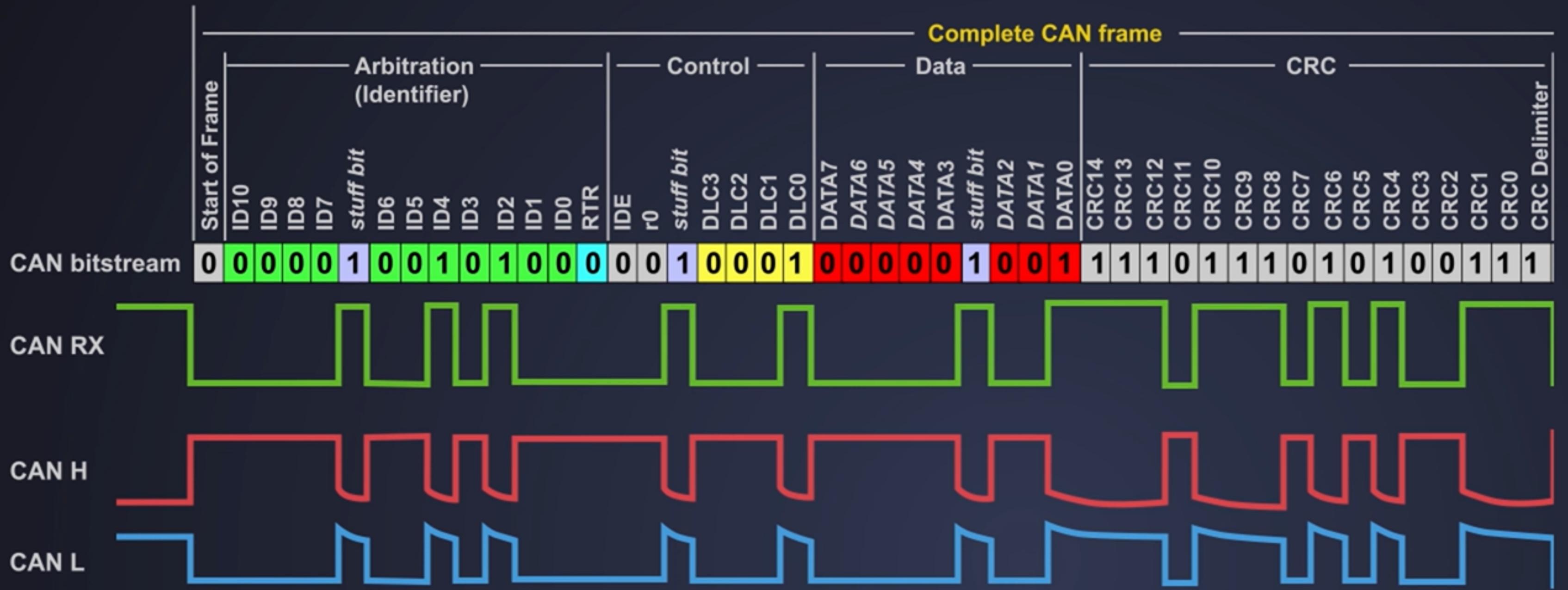
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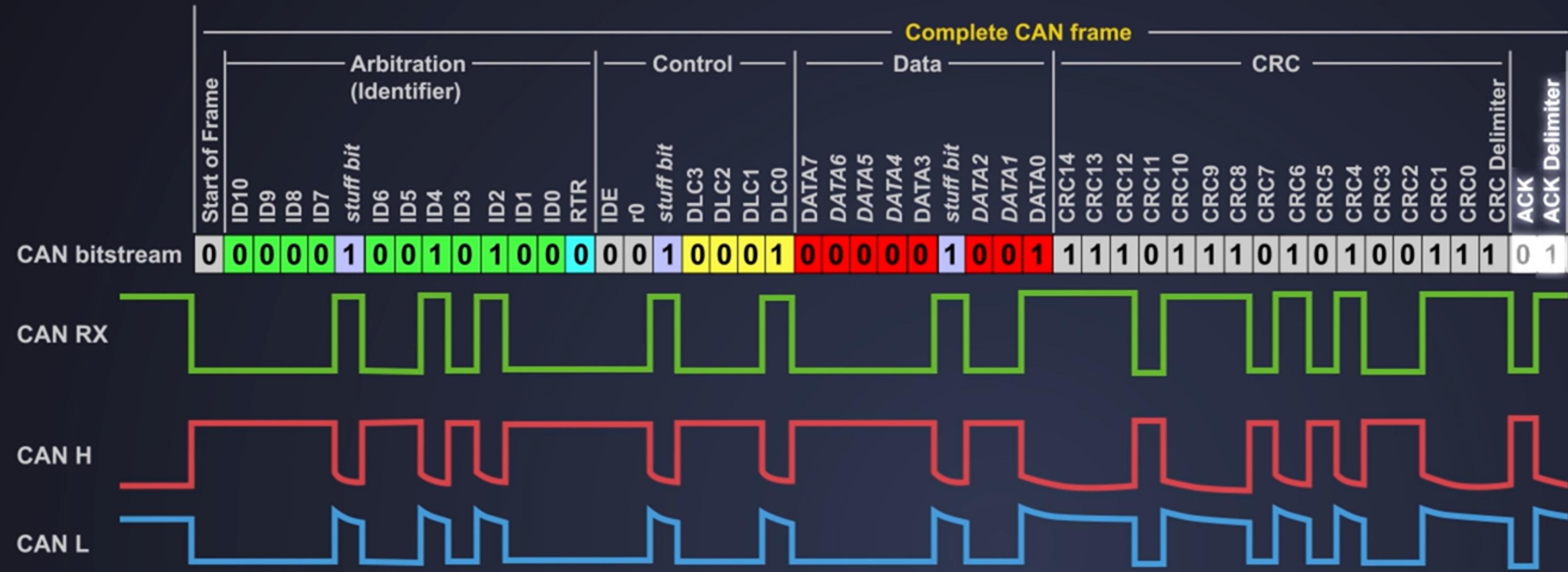
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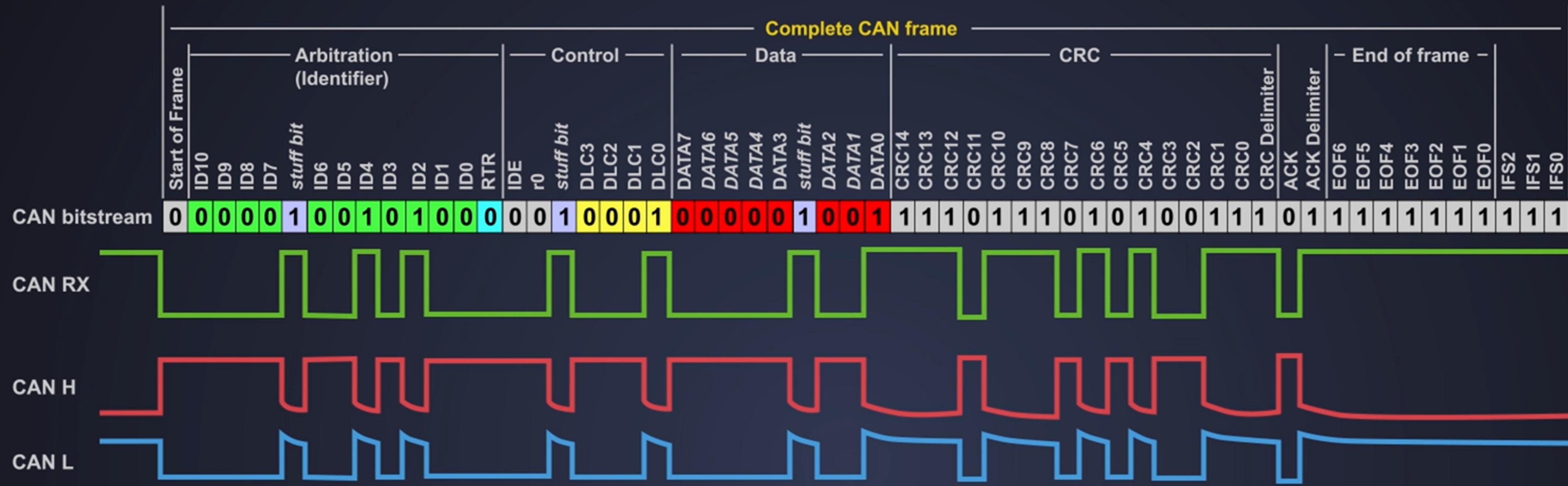




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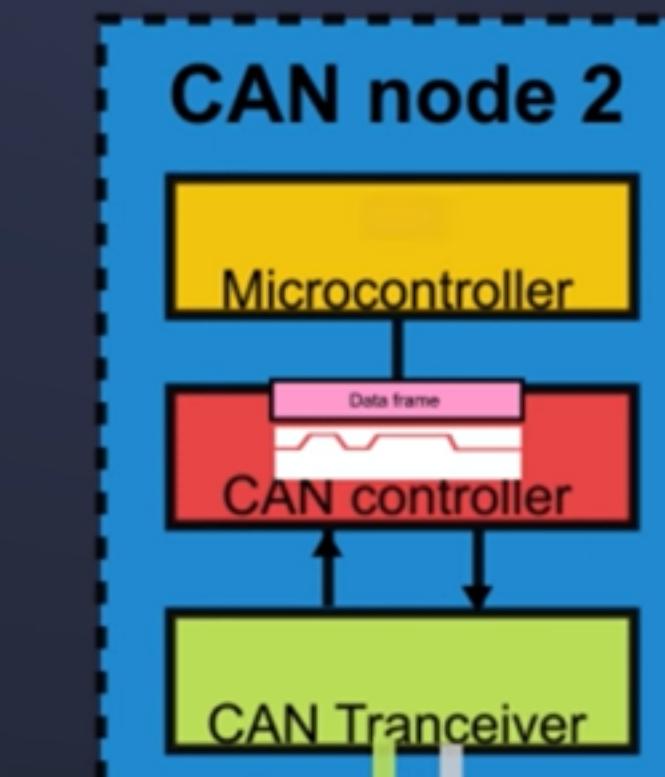
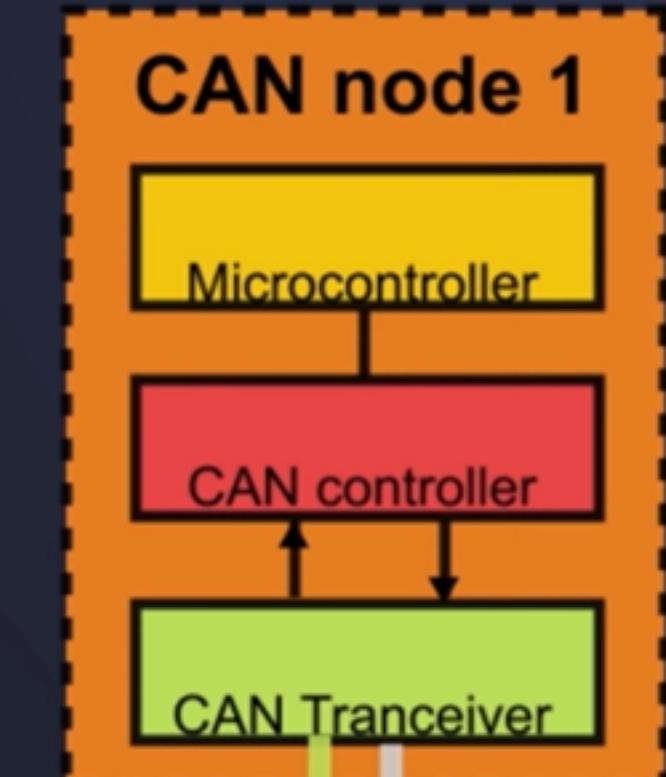
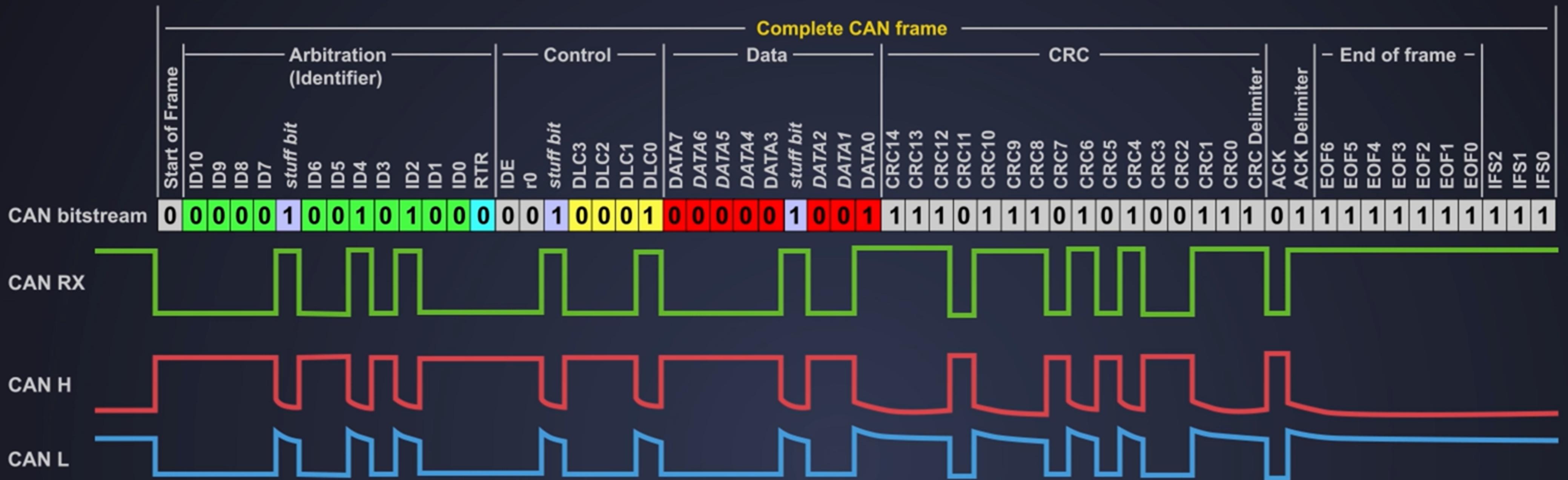




Activate Windows

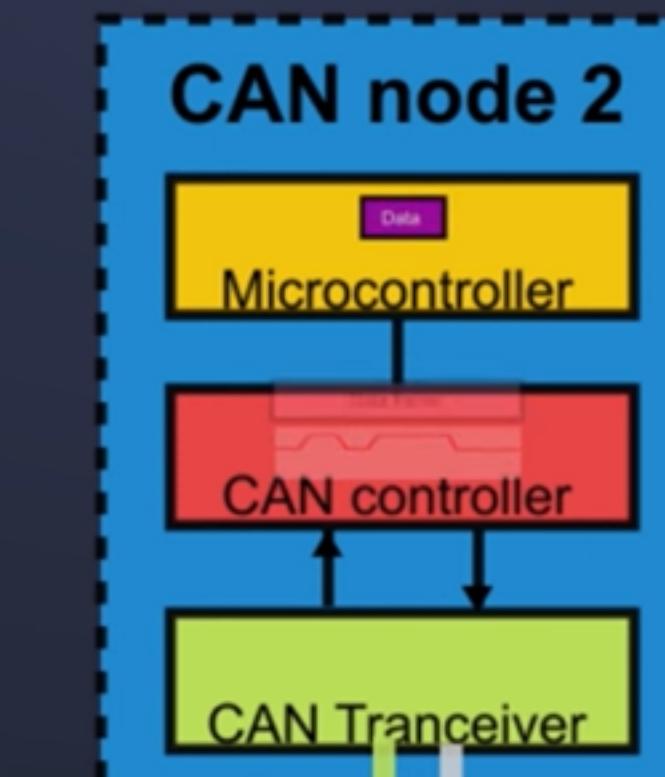
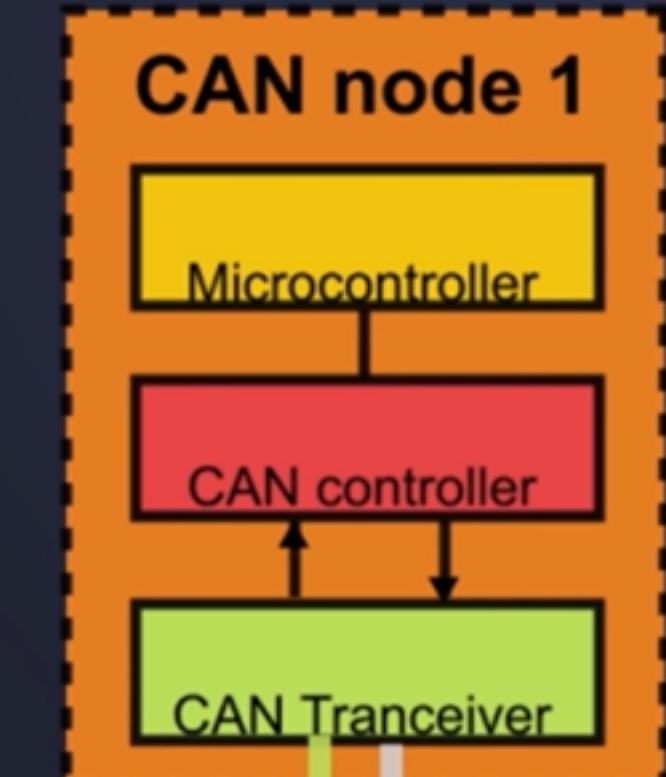
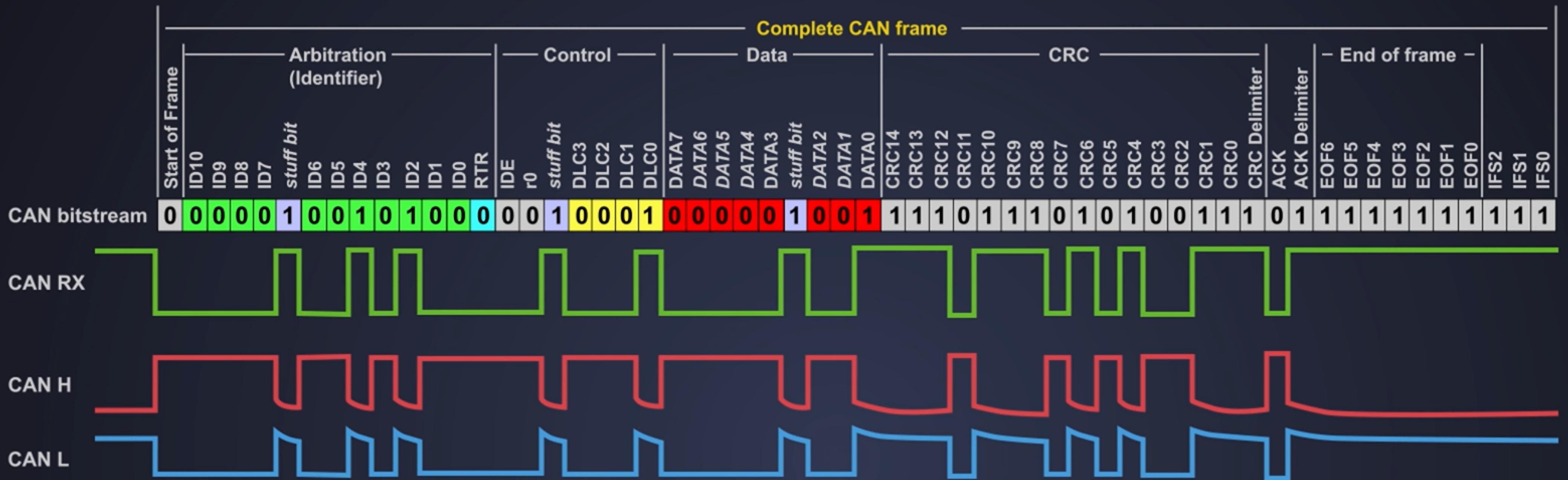
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Thank you