



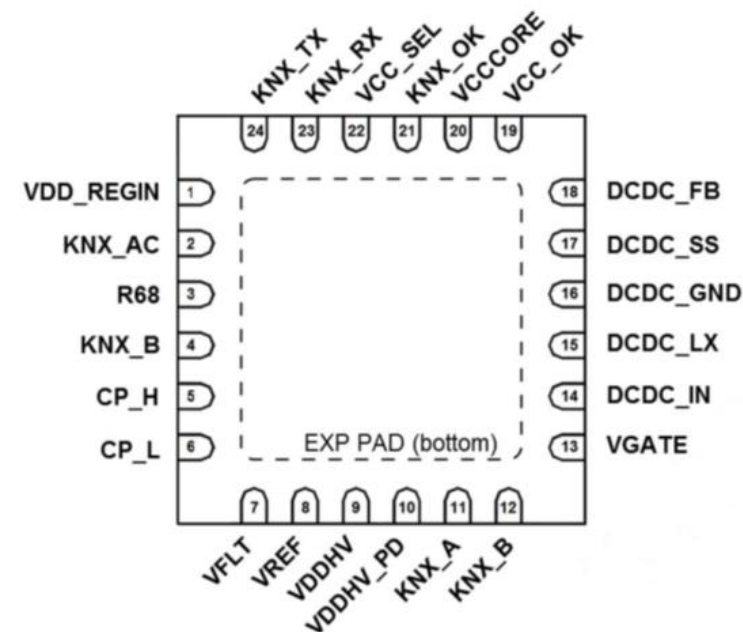
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# STKNX chipset

EMEA Application team

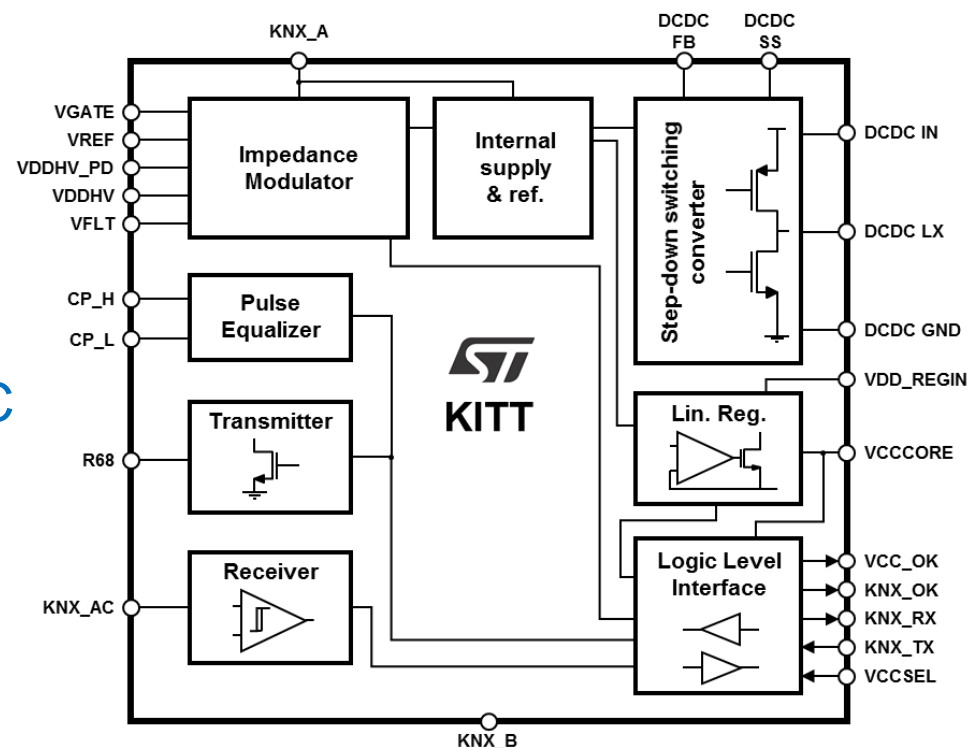
# STKNX benefits

- TP1-256 KNX certified
- **Smallest** solution on the market (4\*4 mm)  
4x4 VQFNPN 24 leads:
- Low cost
- Simple "Bit" interface to  $\mu$ C
- No crystal required

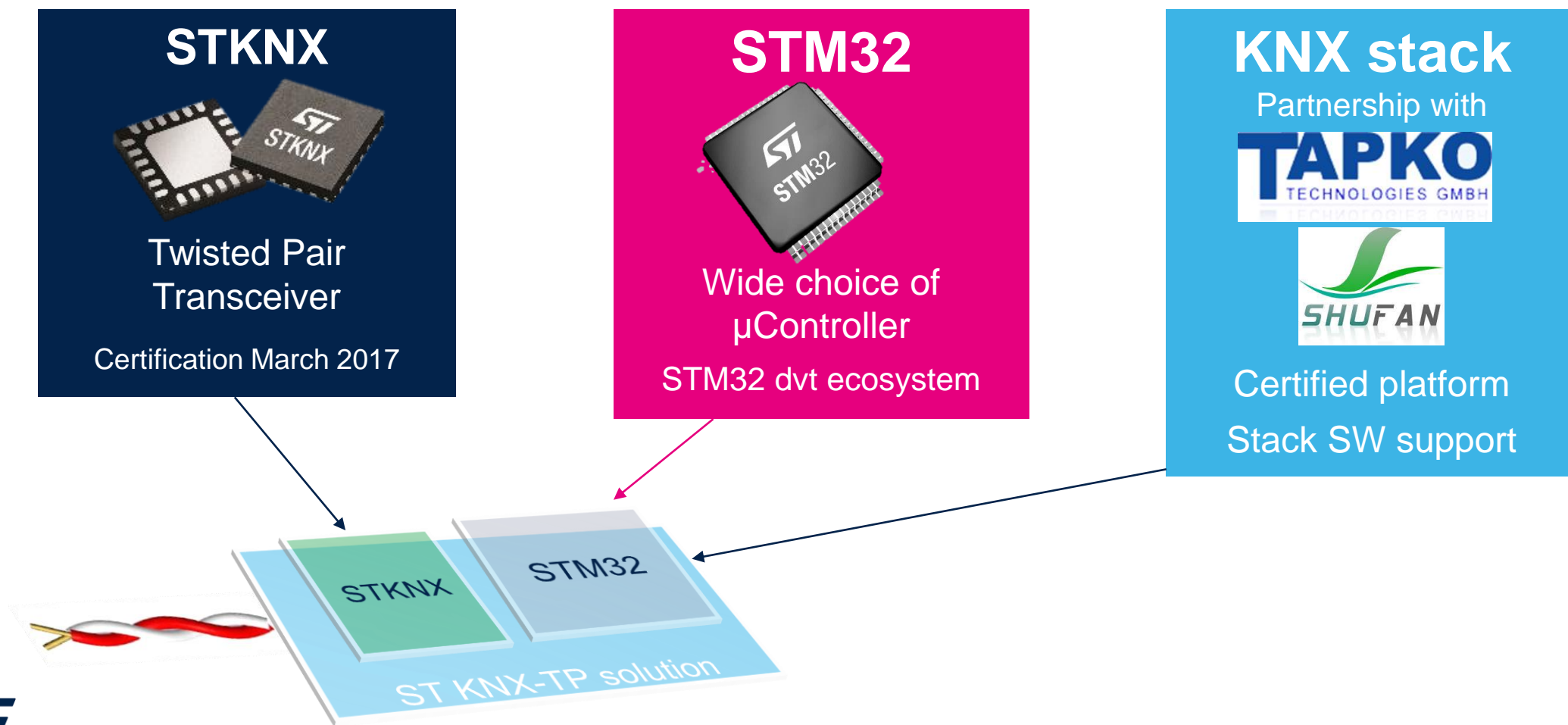


# STKNX description

- Application:
  - Integrated twisted pair KNX Transceiver for smart Home and building connectivity
- Main Features:
  - Supports bus current up to 30mA
  - 2 integrated voltage regulators for external use:
    - Selectable 3.3V / 5V – 20mA linear regulator
    - Adjustable 1V to 12V – 150mA high efficiency DC/DC
  - -40°C/+85°C operating temperature range



# STKNX complete solution



# EVALKITSTKNX purposes

- Evaluate STKNX performances
- Evaluate basic KNX node (demo FW included)
- Develop/Debug your own KNX application FW (no probe needed)
- Test every STKNX possible hardware configuration (supplies, fan-in, isolation, memory)
- Supply the kit from single USB cable for "on desk" FW development
- Build your own prototype of KNX device thanks to extension connectors "Arduino like"
- STKNX area routed with x2 copper layers for reference layout

