

All modes

b

LIN Unpowered Mode

(All circuitry OFF)

a

LIN Standby Mode

LIN Communication OFF.
LIN Wake-up (based on the
register settings, VS level
transceiver temperature not
available in Deep Sleep).

j & f & k
& !o

e || !k || o
|| i

LIN Normal Mode

LIN communication ON
LIN Wake-Up (disabled)

a: $V_{VS} > V_{VS_PWRON}$

b: Device in Power Off ($V_{VS} < V_{VS_PowerOFF}$)

e: $V_{VS} < V_{VS_UV_Set}$

f: no VS undervoltage detected

i: LOPM = LIN Standby mode

j: LOPM = LIN Normal mode

k: DOPM = Normal mode

l: DOPM = Sleep mode

o: LIN over temperature shutdown detected