EVB connections and jumper configuration on LIN Master

For LinFlex0 connection to the MC33661 LIN transceiver:
- RXDA_SEL (near SCI !!!!) jumper over pins 1-2
- TXDA_SEL (near SCI) jumper over 1-2

For LIN Master functionality
- VSUP (J6) jumper fitted … LIN transceiver will get +12V from the EVB
- V_BUS (J14) jumper not fitted
- MASTER_EN (J16) jumper fitted
- LIN_EN jumper fitted

EVB connections and jumper configuration on LIN Slave

For LinFlex0 connection to the MC33661 LIN transceiver:
- RXDA_SEL (near SCI !!!!) jumper over pins 1-2
- TXDA_SEL (near SCI) jumper over pins 1-2

For LIN Slave functionality
- VSUP (J6) jumper not fitted …LIN transceiver will get +12V from the Master
- V_BUS jumper not fitted
- MASTER_EN jumper not fitted
- LIN_EN jumper fitted

Signals visible on LIN bus and LINFlex TX/RX lines when switches SW1, SW2, SW3 or SW4 are pressed on Master board

SW1 pressed on Master

Master signals

Slave signals

SW2 pressed on Master

Tek Stop

LIN Break Sync 34 2 48 65 6C 6C 6F 20 2C 20 9D

1 LIN
2 Master TX
3 Master RX

	10.0 V		5.00 V		5.00 V		1.00ms	100MS/s		5.60 V
Period	45.00ns	Low resolution						
Frequency	1.373kHz	1.372k	1.370k	1.373k	877.4m			

23 Sep 2014
19:57:26

Tek Stop

LIN Break Sync 34 2 48 65 6C 6C 6F 20 2C 20 9D

1 LIN
2 Slave TX
3 Slave RX

	10.0 V		5.00 V		5.00 V		1.00ms	100MS/s		5.60 V
Period	737.5ns	Low signal amplitude						
Frequency	1.372kHz	1.371k	1.370k	1.372k	1.261			

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19:52:13

SW3 pressed on Master

Tek Stop

LIN Break Sync 37 0 00 55 AA 55 6F 20 2C 20 97

1 LIN
2 Master TX
3 Master RX

	10.0 V		5.00 V		5.00 V		1.00ms	100MS/s		5.60 V
Period	880.0ns	Low signal amplitude						
Frequency	1.373kHz	1.372k	1.370k	1.373k	934.6m			

23 Sep 2014
19:57:50

Tek Stop

LIN Break Sync 37 0 01 55 AA 55 6F 20 2C 20 96

1 LIN
2 Slave TX
3 Slave RX

	10.0 V		5.00 V		5.00 V		1.00ms	100MS/s		5.60 V
Period	80.00ns	Low resolution						
Frequency	1.373kHz	1.372k	1.370k	1.373k	1.298			

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19:52:33

SW4 pressed on Master