RDK4 Rev0 [Prototype] Test Results		
FUNCTION	**NOTES**	**OK?**
TLE9262 SBC Power	VCC2 is too weak for some Arduino applications [+5V 100mA]. The Solder Bridge will be implemented to be able to switch Arduino +5V between the VCC2 and USB +5V. VCC3 [235mA @ 3.29V]	✔
TLE9262 CAN FD	SB9 will be CLOSED by default [120 Ohm CAN Line Termination Resistor].	✔
TLE9262 LIN	Will be relocated from scb[0] 4.0, 4.1 to scb[3] 7.0, 7.1. The scb[0] might be needed for KitProg3 UART.	✔
TLE9262 Ignition Signal		✔
Arduino ADC	No ADC peripheral on P10.[0..5] as it was with RDK2 and RDK3. Will be changed to the P2.[0..5] (only possible option).	✘
Potentiometer	Output will be changed from P10.4 to P2.4.	✔
RESET Circuits	TLE9262 RO pin cannot be connected with Arduino RESET. S3 RESET Switch circuit has error.	✘
KitProg3 Debugging		✔
KitProg3 I2C		✔
KitProg3 UART		✔
J-Link Debugging	SEGGER J-Flash V7.22 software works fine. MCU not recognized by the ModusToolbox 3.0 yet.	✔/✘
USER BTN1		✔
USER LED	LEDs are functional, but incompatible with RGB LED library. Will be changed to 6.0 [RED], P6.2 [GREEN], P6.4 [BLUE]	✔/✘
MCU Current Measurement	In Rev1 the P4_VDD will be included into MCU Current Measurement circuit.	✔
CapSense Buttons		✔
Arduino I2C		✔
Arduino UART		✔
MCU Crystals	12MHz, 32.768kHz	✔

Additional changes and fixes for the Rev1:

- Automotive logo on the bottom side will be replaced by RSS logo.
- 5.1K pull-down resistors are needed for the CC1 and CC2 to make it compatible with USB 3.0 type-C cables.
- SB21, SB24 CLOSED by default.
- CANL, CANH, Kitprog3 UART, Kitprog3 UART I2C Terminals will have 2.54mm spacing with 0.9mm holes.