SEO CANlog (23xxxxxx)

Technical data

Power supply (12V, 24V, 48V)	9÷63 V
Current consumption in work mode (at 12V)	10,6 mA
Current consumption in sleep mode (at 12V)	0,4 mA
Current consumption when ignition ON (at 12V)	10,6 mA
Current consumption in work mode (at 24V)	5,3 mA
Current consumption in sleep mode (at 24V)	0,2 mA
Current consumption when ignition ON (at 24V)	5,3 mA
Supported CAN BUS speed	20÷1000 kbit/s
Supported UART speed	1,2÷125 kbit/s
Transition time to sleep mode	5 s
Time of going out from sleep mode	800 µs
UART/RS232 port data speed	9600 bit/s
Voltage level of UART Tx pin 5/10	4,90 V / 0 V
Voltage level of UART Rx pin 6/10 High	1,25÷7,00 V
Voltage level of UART Rx pin 6/10 Low	0÷0,75 V
Voltage level of RS232 Tx pin 8/10	0 V / 4,80 V
Voltage level of RS232 Rx pin 7/10 High	−15,00÷1,70 V
Voltage level of RS232 Rx pin 7/10 Low	2,4÷15,0 V
Number of supported CAN BUSes	2
Overcurrent protection of UART pins 5/10, 6/10	YES
Overcurrent protection of RS232 pins 7/10, 8/10	YES
1−wire CAN BUS support (SAE J2411)	YES
2−wire CAN BUS support (SAE J1939)	YES
Support of J1708 (SAE J1587)	YES
Support of LIN transmission	YES
Microcontroller type	Automotive
Operating temperature range	−40ºC ÷ +85ºC
Dimensions	41 x 33 x 14 mm
PCB marking	U245

SEO CANlog (24xxxxxx)

Technical Data

Power supply (12V, 24V, 48V)	9÷63 V
Current consumption in work mode (at 12V)	10,6 mA
Current consumption in sleep mode (at 12V)	0,4 mA
Current consumption when ignition ON (at 12V)	10,6 mA
Current consumption in work mode (at 24V)	5,3 mA
Current consumption in sleep mode (at 24V)	0,2 mA
Current consumption when ignition ON (at 24V)	5,3 mA
Supported CAN BUS speed	20÷1000 kbit/s
Supported UART speed	1,2÷125 kbit/s
Transition time to sleep mode	5 s
Time of going out from sleep mode	800 µs
UART port data speed	9600 bit/s
Voltage level of UART Tx pin 5/10	4,90 V / 0 V
Voltage high level of UART Rx pin 6/10	1,25÷7,00 V
Voltage low level of UART Rx pin 6/10	0÷0,75 V
Number of supported CAN BUSes	2
Overcurrent protection of UART pins 5/10, 6/10	YES
1−wire CAN BUS support (SAE J2411)	YES
2−wire CAN BUS support (SAE J1939)	YES
Support of J1708 (SAE J1587)	YES
Support of LIN transmission	YES
Microcontroller type	Automotive
Operating temperature range	−40ºC ÷ +85ºC
Dimensions	41 x 33 x 14 mm
PCB marking	U245

SEO CANlog FMS (25xxxxxx)

Technical data

Power supply (12V, 24V, 48V)	9÷63 V
Current consumption in work mode (at 12V)	16,0 mA
Current consumption in sleep mode (at 12V)	0,3 mA
Current consumption when ignition ON (at 12V)	16,0 mA
Current consumption in work mode (at 24V)	7,3 mA
Current consumption in sleep mode (at 24V)	0,2 mA
Current consumption when ignition ON (at 24V)	7,3 mA
Supported CAN BUS speed	20÷1000 kbit/s
Supported UART speed	1,2÷125 kbit/s
Transition time to sleep mode	5 s
Time of going out from sleep mode	800 µs
RS232 port data speed	9600 bit/s
Voltage level of RS232 Tx pin 8/10	0 V / 4,80 V
Voltage level of RS232 Rx pin 7/10 High	−15,00÷1,70 V
Voltage level of RS232 Rx pin 7/10 Low	2,4÷15,0 V
Number of supported CAN BUSes	2 + 1
Data conversion to FMS standard for GPS/GSM systems	YES
Data speed on CAN BUS FMS pins 5/10, 6/10	250 kbit/s
Electrical terminator on CAN BUS FMS pins 5/10, 6/10	120 ohm
Overcurrent protection of pins 5/10, 6/10	TAK
Overcurrent protection of RS232 piny 7/10, 8/10	TAK
1−wire CAN BUS support (SAE J2411)	TAK
2−wire CAN BUS support (SAE J1939)	TAK
Support of J1708 (SAE J1587)	TAK
Support of LIN transmission	TAK
Microcontroller type	Automotive
Operating temperature range	−40ºC ÷ +85ºC
Dimensions	41 x 33 x 14 mm
PCB marking	U245

SEO CANlog (26xxxxxx)

Technical Data

Power supply (12V, 24V, 48V)	9÷63 V
Current consumption in work mode (at 12V)	11,5 mA
Current consumption in sleep mode (at 12V)	0,4 mA
Current consumption when ignition ON (at 12V)	11,5 mA
Current consumption in work mode (at 24V)	5,6 mA
Current consumption in sleep mode (at 24V)	0,2 mA
Current consumption when ignition ON (at 24V)	5,6 mA
Supported CAN BUS speed	20÷1000 kbit/s
Supported UART speed	1,2÷125 kbit/s
Transition time to sleep mode	5 s
Time of going out from sleep mode	800 µs
UART port data speed	9600 bit/s
Voltage level of UART Tx pin 5/10	4,90 V / 0 V
Voltage high level of UART Rx pin 6/10	1,25÷7,00 V
Voltage low level of UART Rx pin 6/10	0÷0,75 V
Number of supported CAN BUSes	3
Overcurrent protection of UART pins 5/10, 6/10	YES
1−wire CAN BUS support (SAE J2411)	YES
2−wire CAN BUS support (SAE J1939)	YES
Support of J1708 (SAE J1587)	YES
Support of LIN transmission	YES
Microcontroller type	Automotive
Operating temperature range	−40ºC ÷ +85ºC
Dimensions	41 x 33 x 14 mm
PCB marking	U245