LOW VOLTAGE ACCUMULATOR

Documentation of
Hardware in
Low VOltage Accumulator

Features

Component features

- **Component 1**:
    - …
    - …
    - …

- **Componet 2**:
    - …
    - …

Component 1 Detail

Footprint

Solder profile

Component 2 Detail

Footprint

Solder profile

Board images

Schematic

Board

Pinout Table

N° Pin RAM	N° Pin STM	Name Pin STM	Pin Type	Main Function	Board Acc.LV
13	_NC	-	I/O	CANH3	CAN2
15	_NC	-	I/O	CANL3	CAN2
17	_NC	-	I/O	CANH1	CAN1
19	_NC	-	I/O	CANL1	CAN1
-	81	PD0	I/O	CAN1_RX	-
-	82	PD1	I/O	CAN1_TX	-
-	67	PA8	I/O	CAN3_RX	-
-	90	PB4	I/O	CAN3_TX	-
41	70	PA11	I/O	UART4_RX DBG	USB
43	71	PA12	I/O	UART4_TX DBG	USB
53	14	NRST	Reset	NRST	USB
55	72	PA13	I/O	SYS_SWDIO	USB
57	89	PB3	I/O	SYS_SWO	USB
59	76	PA14	I/O	SYS_SWCLK	USB
61	78	PC10	I/O	SPI3_SCK	SD CLK
62	79	PC11	I/O	SPI3_MISO	SD CMD
63	80	PC12	I/O	SPI3_MOSI	SD DAT0
66	83	PD2	I/O	SPI3_CS	SD CD/DAT3
67	84	PD3	I/O	SPI2_SCK	LTC6810-2
68	85	PD4	I/O	SPI2_CS	LTC6810-2
86	64	PC7	I/O	USART6_RX	LED err
88	63	PC6	I/O	USART6_TX	Relay
94	60	PD13	I/O	I2C4_SDA	Pomp1
96	59	PD12	I/O	I2C4_SCL	Pomp 2
102	54	PB15	I/O	SPI2_MOSI	LTC6810-2
104	53	PB14	I/O	SPI2_MISO	LTC6810-2
125	15	PC0	I/O	ADC1_IN10	Radiator 1
127	16	PC1	I/O	ADC1_IN11	Radiator 2
128	30	PA6	I/O	ADC1_IN6	Fan 5 LV
129	17	PC2	I/O	ADC1_IN12	Fan 6 LV
130	32	PC4	I/O	ADC1_IN14	Fan 3 HV
131	18	PC3	I/O	ADC1_IN13	Buzzer
132	28	PA4	I/O	ADC1_IN4	Fan 1 HV
134	29	PA5	I/O	ADC1_IN5	Fan 2 HV

141	24	PA2	I/O	ADC1_IN2	Hall

Components

Board Measure

Notes

Revision History

V1.0   06/11/2019
- Initial release.