**AGENT**

Name:

Description:

Type: □ Electronic Board, □ Software Agent, □ Software Service, □ Cloud Agent

Location:

**DESIGN**

|  |  |  |  |
| --- | --- | --- | --- |
| **Date** | **Version** | **Designer** | **Modification** |
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**HARDWARE**

Board: □ Courb Diag Board □ WK Agent Board v1 □ Arduino □ Other: ………………………………..

Memory Size: □ 4 GB □ 8 GB □ SPI SD-Card □ Other: …………………….

Pinout:

|  |  |  |  |
| --- | --- | --- | --- |
| **PIN** | **NAME** | **ENTITY** | **DESCRIPTION** |
| J1 | VIN-VBATT | POWER | Input power supply or battery |
| J2 | GND | POWER | Input power supply or battery |
| J3-1 | OUT1 |  |  |
| J3-2 | OUT2 |  |  |
| J3-3 | OUT3 |  |  |
| J3-4 | OUT4 |  |  |
| J4-1 | USB2 5V |  |  |
| J4-2 | USB2 ID |  |  |
| J4-3 | USB2 GND |  |  |
| J4-4 | USB1 5V |  |  |
| J4-5 | USB1 GND |  |  |
| J4-6 | ETHERNET3 | ETH | Ethernet connection! |
| J4-7 | ETHERNET6 | ETH | Ethernet connection! |
| J4-8 | USB2 DATA- |  |  |
| J4-9 | USB2 DATA+ |  |  |
| J4-10 | USB1 DATA+ |  |  |
| J4-11 | USB1 DATA- |  |  |
| J4-12 | ETH4578 | ETH | Ethernet connection! GROUND |
| J4-13 | ETHERNET3 | ETH | Ethernet connection! |
| J4-14 | ETHERNET3 | ETH | Ethernet connection! |
| J5-1 | SPEAKER L- |  | Analogic signal generation |
| J5-2 | SPEAKER R- |  | Analogic signal generation |
| J5-3 | SPI CLOCK |  |  |
| J5-4 | SPI MISO |  |  |
| J5-5 | RESET +3.3V | RESET |  |
| J5-6 | SERIAL1 TX |  |  |
| J5-7 | SERIAL2 TX |  |  |
| J5-8 | CAN1 LOW |  |  |
| J5-9 | CAN2 LOW |  |  |
| J5-10 | SPEAKER L+ |  | Analogic signal generation |
| J5-11 | SPEAKER R+ |  | Analogic signal generation |
| J5-12 | SPI MOSI |  |  |
| J5-13 | SPI SELECT |  |  |
| J5-14 | RESET IN | RESET |  |
| J5-15 | SERIAL1 RX |  |  |
| J5-16 | SERIAL2 RX |  |  |
| J5-17 | CAN1 HIGH |  |  |
| J5-18 | CAN2 HIGH |  |  |
| J6-1 | ANA 1 |  |  |
| J6-2 | ANA 2 |  |  |
| J6-3 | ANA 3 |  |  |
| J6-4 | ANA 4 |  |  |
| J6-5 | ANA 5 |  |  |
| J6-6 | ANA 6 |  |  |
| J6-7 | ANA 7 |  |  |
| J6-8 | ANA 8 |  |  |
| J6-9 | +3.3V |  |  |
| J6-10 | +5V |  |  |
| J6-11 | TOR 1 |  |  |
| J6-12 | TOR 2 |  |  |
| J6-13 | TOR 3 |  |  |
| J6-14 | TOR 4 |  |  |
| J6-15 | TOR 5 |  |  |
| J6-16 | TOR 6 |  |  |
| J6-17 | TOR 7 |  |  |
| J6-18 | TOR 8 |  |  |
| J6-19 | VIN/VBATT |  |  |
| J6-20 | GND |  |  |

Note: OUTn & TORn are safety compliant.

Event Name:

Event Sentence:

|  |  |
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| Condition  (if Rule Model) |  |

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