

Microcontroller Circuit

Emergency, Main Switch

LEDs

Voltage measure

Power Supply Connectors

LOGOs

Relay, Current measure and Check Power Out

Power Drop Out Regulators

CAN

Functions

Isolation ADC

USER LEDs, Switches

Emergency Signal From Main Controll Circuit's I/O

Full Color

Pinout:

- 14. PA0
- 15. PA1
- 16. USART2_TX
- 17. USART2_RX
- 18. ADC12_IN4
- 19. ADC12_IN5
- 20. ADC12_IN6
- 21. ADC12_IN7
- 22. TIM1_CH1
- 23. TIM1_CH2
- 24. TIM1_CH3
- 25. TIM1_CH4
- 26. ADC12_IN8
- 27. ADC12_IN9
- 28. BOOT1
- 29. USART1_TX
- 30. USART1_RX
- 31. CAN1_RX
- 32. CAN1_TX
- 33. PB12
- 34. PB13
- 35. PB14
- 36. PB15
- 37. TIM2_CH1
- 38. TIM2_CH2
- 39. TIM2_CH3
- 40. TIM2_CH4
- 41. TIM3_CH1
- 42. TIM3_CH2
- 43. TIM3_CH3
- 44. TIM3_CH4
- 45. TIM4_CH1
- 46. TIM4_CH2
- 47. TIM4_CH3
- 48. TIM4_CH4
- 49. TIM5_CH1
- 50. TIM5_CH2
- 51. TIM5_CH3
- 52. TIM5_CH4
- 53. TIM6_CH1
- 54. TIM6_CH2
- 55. TIM6_CH3
- 56. TIM6_CH4
- 57. TIM7_CH1
- 58. TIM7_CH2
- 59. TIM7_CH3
- 60. TIM7_CH4
- 61. TIM8_CH1
- 62. TIM8_CH2
- 63. TIM8_CH3
- 64. TIM8_CH4
- 65. TIM9_CH1
- 66. TIM9_CH2
- 67. TIM9_CH3
- 68. TIM9_CH4
- 69. TIM10_CH1
- 70. TIM10_CH2
- 71. TIM10_CH3
- 72. TIM10_CH4
- 73. TIM11_CH1
- 74. TIM11_CH2
- 75. TIM11_CH3
- 76. TIM11_CH4
- 77. TIM12_CH1
- 78. TIM12_CH2
- 79. TIM12_CH3
- 80. TIM12_CH4
- 81. TIM13_CH1
- 82. TIM13_CH2
- 83. TIM13_CH3
- 84. TIM13_CH4
- 85. TIM14_CH1
- 86. TIM14_CH2
- 87. TIM14_CH3
- 88. TIM14_CH4
- 89. TIM15_CH1
- 90. TIM15_CH2
- 91. TIM15_CH3
- 92. TIM15_CH4
- 93. TIM16_CH1
- 94. TIM16_CH2
- 95. TIM16_CH3
- 96. TIM16_CH4
- 97. TIM17_CH1
- 98. TIM17_CH2
- 99. TIM17_CH3
- 100. TIM17_CH4

Title:		
Size: A3	Date:	Rev:
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