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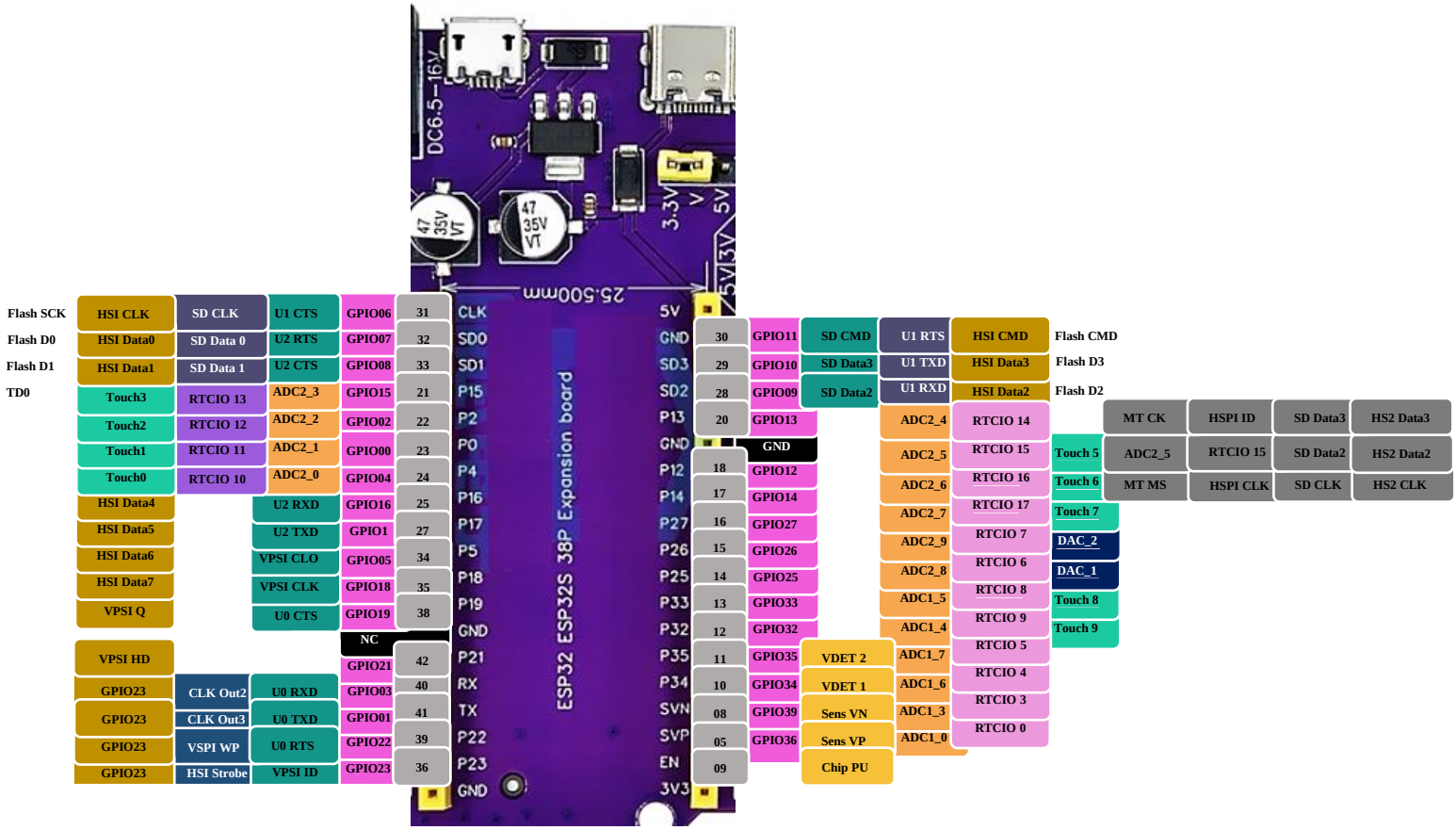
Base Board for ESP32S 38P Purple Expansion Board

Dimension:

Pinout:


DC6.5-16V
47 35V VT
47 35V VT
3.3V
5V
5V 3V
25.500mm
ESP32 ESP32S 38P Expansion board
CLK
SD0
SD1
P15
P2
P0
P4
P16
P17
P5
P18
P19
GND
P21
RX
TX
P22
P23
GND
5V
GND
SD3
SD2
P13
GND
P12
P14
P27
P26
P25
P33
P32
P35
P34
SVN
SVP
EN
3V3
Flash SCK
Flash D0
Flash D1
TD0
HSI CLK
HSI Data0
HSI Data1
Touch3
Touch2
Touch1
Touch0
HSI Data4
HSI Data5
HSI Data6
HSI Data7
VPSI Q
VPSI HD
GPIO23
GPIO23
GPIO23
GPIO23
SD CLK
SD Data 0
SD Data 1
RTCIO 13
RTCIO 12
RTCIO 11
RTCIO 10
CLK Out2
CLK Out3
VSPI WP
HSI Strobe
U1 CTS
U2 RTS
U2 CTS
ADC2_3
ADC2_2
ADC2_1
ADC2_0
U2 RXD
U2 TXD
VPSI CLO
VPSI CLK
U0 CTS
U0 RXD
U0 TXD
U0 RTS
VPSI ID
GPIO06
GPIO07
GPIO08
GPIO15
GPIO02
GPIO00
GPIO04
GPIO16
GPIO1
GPIO05
GPIO18
GPIO19
NC
GPIO21
GPIO03
GPIO01
GPIO22
GPIO23
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16
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14
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12
11
10
08
05
09
GPIO11
GPIO10
GPIO09
GPIO13
GND
GPIO12
GPIO14
GPIO27
GPIO26
GPIO25
GPIO33
GPIO32
GPIO35
GPIO34
GPIO39
GPIO36
SD CMD
SD Data3
SD Data2
VDET 2
VDET 1
Sens VN
Sens VP
Chip PU
U1 RTS
U1 TXD
U1 RXD
ADC2_4
ADC2_5
ADC2_6
ADC2_7
ADC2_9
ADC2_8
ADC1_5
ADC1_4
ADC1_7
ADC1_6
ADC1_3
ADC1_0
HSI CMD
HSI Data3
HSI Data2
RTCIO 14
RTCIO 15
RTCIO 16
RTCIO 17
RTCIO 7
RTCIO 6
RTCIO 8
RTCIO 9
RTCIO 5
RTCIO 4
RTCIO 3
RTCIO 0
Flash CMD
Flash D3
Flash D2
Touch 5
Touch 6
Touch 7
DAC_2
DAC_1
Touch 8
Touch 9
MT CK
HSPI ID
SD Data3
HS2 Data3
ADC2_5
RTCIO 15
SD Data2
HS2 Data2
MT MS
HSPI CLK
SD CLK
HS2 CLK