



nanoCH32V305 v1.1

BOOT

LED

SPI-LCD

TFCARD

HEADER

POWER

Title		
Size	Number	Revision
A2		
Date:	11/30/2022	Sheet of
File:	F:\private_\nanoCH32V305 SchDoc	Drawn By:

Comment	Designator	Footprint	Value	Description	Quantity
0.1uF	C1, C3, C6, C10, C11, C12, C13	C 0402_M_new	0.1uF	Capacitor	7
12pF	C2, C7	C 0402_M_new	12pF	Capacitor	2
10uF	C4	C 0402_M_new		Surface mount capacitor 0805	1
0.1uF	C5	C 0402_M_new		Surface mount capacitor 0402	1
20pF	C8, C9	C 0402_M_new	20pF	Capacitor	2
BLUE	D1	0603_LED_B		Typical RED, GREEN, YELLOW, AMBER GaAs LED	1
Fuse 2	F1	FU 0805		Fuse	1
Type_C_16P	J1, J3	Type_C_16P			2
SDCard	J2	SDCARD-1			1
FPC-12P	J4	FPC0.5 2H-WS-12P			1
Header 25	J5, J6	HEADER_25x1			2
10K	R1, R2, R3, R4	R 0402_M_new	10K	Resistor	4
5.1K	R5, R6, R7, R9	R 0402_M_new	5.1K	Resistor	4
47K	R8, R10, R11, R12, R13	R 0402_M_new	47K	Resistor	5
RST	S1	SW-SMD_4P-L4.2-W3.3-P2.15-LS5.1		Switch	1
BOOT	S2	SW-SMD_4P-L4.2-W3.3-P2.15-LS5.1		Switch	1
ME6211C33M5G	U1	SOT23-5			1
CH32V305RBT6	U2	CH32V305RBT6			1
32.768K	X1	OSC 3215-2P			1
8MHz	X2	BT-XTAL_3225	8MHz	XTAL SMD 3225, 8MHz, 18pF, ± 30ppm	1