



Title		
Size	Number	Revision
A3		
Date:	1/25/2018	Sheet of
File:	F:\PCB DESIGNER\nguyenly.SchDoc	Drawn By:



Viet Nam Skills CPU Board

Comment	Description	Designator	Footprint	LibRef	Quantity
104	Cap np 1pF - 472pF	C1, C2, C7, C8	SM-CAP-0805	CN1	4
100uF	Cap P 0,1uF < 22uF , 16 - 50V	C5, C6	CP1/2	CP1	2
Diode SMD	Default Diode	D1, D2, D3	SM-6728N	Diode SMD	3
LM1117	Available in 1.8V, 2.5V, 2.85V, 3.3V, 5V, and Adjustable Versions	IC1	SOT223-4N	LM1117	1
USB-5		J1	USB-M2	USB-5	1
JP2	WR-PHD 2.54 mm Angled Socket Header	JP1	JP2-C1T	JP2	1
NAP	JP6 PIN	JP2	JP6	JP6	1
Header 2_1	Header, 2-Pin	JP5	HED2	Header 2_1	1
L-DIP-1	Inductor	L1	L/0.4	L-DIP-1	1
LED	LED Single colour Green and Red	LED1, LED2	SM-LED-0805-Red	LED	2
Header 20X2	Header, 20-Pin, Dual row	P1, P2	HDR2X20	Header 20X2	2
10k	Resistor 1/4W	R1	SM-RES-0805	R1/4W	1
22	Resistor 1/4W	R2, R3	SM-RES-0805	R1/4W	2
1k5	Resistor 1/4W	R4	SM-RES-0805	R1/4W	1
220	Resistor 1/4W	R5, R6	SM-RES-0805	R1/4W	2
SW	Switch button 4 pin	SW1	SW4	SW4	1
STM32L052K6		U1	TQFP32	STM32L052K6	1