

Comment	Description	Designator	Footprint	LibRef	Quantity
STM32F103			STM32F103	STM32F103	1
4.7nF	Dán	C1, C2	tu 1206	Tu 1206 4.7nF 50V	2
Diode	Default Diode	D1, D2	DIO-1A	Diode	2
Header 6P 2.54 Duc Thang	Cắm	DRIVER1, DRIVER2, DRIVER3	XH2.54M-6	Header 6P 2.54 Duc Thang	3
Jac DC	Jac DC input	JDC	DC0	DCIN	1
LED	LED Single colour Green and Red	LED1, LED2, LED3, LED4	LED-5-Green	LED	4
Header 3 - M	Header, 3-Pin, Medium	MOTOR	Medium - Header 3	Header 3 - M	1
MP1584		MP-3.3V, MP-5V	MP1584	MP1584	2
2N222	NPN 600mW, ECB	Q1	TO92-123	2N222	1
Res1	Resistor	R1, R2, R3, R4, R5, R6, R7, R8, R9	R1/4W1	Res1_2	9
Relay 10A/12V	Relay SPDT, 10A - 12VDC 5 Pin	RL1	RELAY 5	Relay 5	1
BIG_Header 3		RS485	BIG_Header 3	BIG_Header 3	1
Header3	Header IDC, 3 x 1 Pin Vertical 2.54mm Pitch (Non-Boxed, Male)	SENSO 1, SENSO 2, SENSO 3	Header3	Header3	3
Header2	Header IDC, 2 x 1 Pin Vertical 2.54mm Pitch (Non-Boxed, Male)	SWITCH JOURNEY1, SWITCH JOURNEY2, SWITCH JOURNEY3	Header2	Header2	3
TTL TO RS485		TTL TO RS485	TTL TO RS485	TTL TO RS485	1
PC817	Single Opto	U1	DIP4	PC817	1
Header4	Header IDC, 4 x 1 Pin Vertical 2.54mm Pitch (Non-Boxed, Male)	UART	HDR4	Header4	1