



M	Description	Di	D-visia - ID	O	II CDCD D+ #	Manufactures 1	Manufactures Deat Number 1
Name	Description	3V3, ADC3V3, EN,	Revision ID	Quantity	JLCPCB Part #	Manufacturer 1	Manufacturer Part Number 1
Test Point	Signal test point	GND, IOO, PWM3V3, VBUS, VUSB		8			
4.7uF	±20% 16V X5R SMD 0402	C1		1	C697614	Kyocera AVX	CM05X5R475M16AH
1uF	±10% 16V X5R SMD 0402	C2, C5		2	C77006	Murata	GRM155R61C105KA12D
10uF	±10% 16V B SMD 0805	C3, C4, C9		3	C162317	Murata	GRM21BB31C106KE15L
100pF	±10% 16V X5R	C6		1	C541374		
0.1uF	SMD 0402 ±20% 16V X5R	C7, C8, C10, C11,		6	C344190		
o.rui	SMD 0402 Rectifier Diode,	C12, C13			0511170		
MBR0520	Schottky, 1 Phase, 1 Element, 0.5A, 20V V(RRM), Silicon	D1		1	C475717	ON Semiconductor	MBR0520LT1G
NCD0603R2	Colorless transparence 65mcd~150mcd 615nm~630m - 30°C~+85°C Red 130° 65mW 0603 Light Emitting Diodes (LED) ROHS	D2, D3, D4		3	C90692	Broadcom Avago	HSMC-C280
ESQ-126-39-G-D	Board Connector, 52 Contact(s), 2 Row(s), Female, Straight, 0.1 inch Pitch, Solder Terminal, Locking, Black Insulator, Socket	H1, H2		2		Samtec	ESQ-126-39-G-D
TYPE-C-31-M-12	5A 1 16P Female Type-C SMD USB Connectors ROHS	НЗ		1	C165948	HRO Electronics	TYPE-C-31-M-12
JST-XH2.5-2p	1x2P XH 1 2.5mm 2 Brass Push- Pull,P=2.5mm Wire To Board / Wire To Wire Connector ROHS	HEATER, SENSO, SENS1, SENS2, SENS3, SENS4, SENS5, SENS6, SENS7, SENS8, SENS9, SENS10, SENS11, SENS12, SENS13, SENS14, SENS15		17	C132479	скмтw	W-2501R02P-N000
FDN340P	SOT-23 MOSFETs ROHS	Q1		1	C347510	ON Semiconductor / Fairchild	FDN340P
BC847S	Small Signal Bipolar Transistor 0.1A I(C), 45V V(BR)CEO, 2- Element, NPN, Silicon	Q2		1	C148112	Infineon	BC847S
5.1kΩ	±0.5% 62.5mW 50V SMD 0402	R1, R2		2	C423276		
4.7kΩ	±1% 62.5mW 50V	R3		1	C105871	Yaqeo	RC0402FR-074K7L
22.1kΩ	SMD 0402 ±1% 62.5mW50V	R4		1	C163478	Yageo	RC0402FR-0722K1L
47.5kΩ	SMD 0402 ±1% 62.5mW 50V	R5			C137974	Yageo	RC0402FR-0747K5L
10kΩ	±1% 62.5mW 50V SMD 0402	R6, R7, R11, R12, R15, R16, R17,		20	C258091	Tageo	NOT OF IN OUT THE
1kΩ	±1% 62.5mW 50V SMD 0402	R8, R9, R10		3	C106235	Yageo	RC0402FR-071KL
2kΩ	±1% 62.5mW 50V	R13		1	C100291		
1Ω	SMD 0402 ±5% 0.75W 200V	R14		1	C137062	Stackpole	RMCF2010JT1R00
ESP32 PICO D4	SMD 2010 System-on-Chip integrating an ESP32 chip together with a 4 MB SPI flash	U1		1		Electronics Espressif Systems	
CP2102N	USB-to-UART bridge controller	U2		1	C964632	Silicon Labs	CP2102N-A02-GQFN28R
HT7833	SOT-23-5 Linear Voltage Regulators (LDO)	U3		1	C3011187		
PESD5V0L5UY	ROHS  Trans Voltage Suppressor Diode 25W, 5V V(RWM), Unidirectional, 5 Element, Silicon	U4		1	C2831528	Nexperia	PESD5V0L5UY,125
AQY272	Solid State Relays 1.25V 60V 0.11Ω 2A AC,DC DIP-4 - MOS Output (PhotoMOS) ROHS 1 Form A(SPST-NO)	U5		1	C62652	Panasonic Aromat NAiS	AQY-272