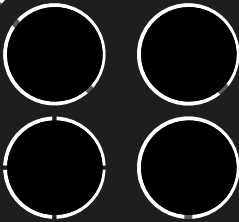


2024 HUMANOID TEAM SRCIRC BOARD DESIGNED BY JANG JEONG IN

ROBIT  
HUMANOID TEAM

SRCIRC

17th KIM DAEKUM  
17th YOON SOJEONG  
17th CHANG SEUNGWON  
18th SHIN TAEYONG  
18th YOU HYUNMOO  
18th JANG JEONGIN  
18th JUNG YUJUNG



POWER

TEACHER

FUSE

DYNAMIXEL

DYNAMIXEL

DYNAMIXEL

DYNAMIXEL

GND  
5V

STM32F4

GND  
3.3V

UART

UART

RX/TX6

ZMP

RX/TX3

Line #	Name	Description	Designator	Revision ID	Revision State	Revision Status	Quantity	Manufacturer 1	Manufacturer Part Number 1	Manufacturer Lifecycle 1	Supplier 1	Supplier Part Number 1	Supplier Unit Price 1	Supplier Subtotal 1
	Resistor	SMD type resistor	[NoValue], R1, R2, R3, R4, R5, R6, R7, R8, R9, R10, R11, R13, R14, R15, R16, R17		Unknown server		17							
	non-polar_Capacitor	SMD type ceramic capacitor	C1, C2		Unknown server		2							
	Polar_Capacitors	Electrolytic Capacitor	C3, C4		Unknown server		2							
	SM340A	Schottky Barrier Diode	D1		Unknown server		1							
	LED	Light Emitting Diode	D2, D3		Unknown server		2							
	FUSE	fuse	F1		Unknown server		1							
	molex	Molex 4Pin Connector	J2, J3, J4, J5, J6, J7, J8, J9		Unknown server		8							
	molex	Molex 2Pin Connector	J10, J13, J14, J15, J17		Unknown server		5							
	XT_60M	XT_60 Connector MALE	J11		Unknown server		1							
	XT_60F	XT_60 Connector FEMAIL	J12		Unknown server		1							
	Inductor_Power	SMD type Inductor	L1		Unknown server		1							
	UART	Connector, uart232	M1		Unknown server		1							
	switch_slide	slide switch	S1, S2		Unknown server		2							
	MAX485	converter 232to485	U1		Unknown server		1							
	STM32_MODULE	processor	U2		Unknown server		1							
	LM2596	5V Transformer	U3		Unknown server		1							