







	Description	Designator	Footprint	LibRef	Quantity
	Ceramic Capacitor,				
	Multilayer, Ceramic, 16V, 10% +Tol, 10% -	C1, C2, C3, C4, C5, C6,			
CAP 0.1uF	Tol, X7R, 15% TC,	C7, C8, C9	CAP0.1uF	CAP 0.1uF	
	0.1uF. Surface Mount.	01, 00, 01			
	0402				
	Board Connector, 1				
ENCODER IN 1	Contact(s), 1 Row(s),	10	DIN LIEADED	DIAL LIEADED	
ENCODER IN 2	Male, Straight, Solder	JO	PIN_HEADER	PIN_HEADER	
	Terminal				
	Board Connector, 1				
	Contact(s), 1 Row(s),	J1	PIN_HEADER	PIN_HEADER	
	Male, Straight, Solder	,,	I IIV_IIEADEK	I IIV_IIEADEK	
	Terminal				
	Board Connector, 1				
ENCODER 5V OUT	Contact(s), 1 Row(s),	J2	PIN HEADER	PIN_HEADER	
ENCODER SV OUT	Male, Straight, Solder	32	FIIV_HEADER	FIN_HEADER	
	Terminal				
	Board Connector, 1				
PWM Signal	Contact(s), 1 Row(s),	J3	PIN_HEADER	PIN_HEADER	
i vvivi signai	Male, Straight, Solder	33	I IIV_IIEADEK	I IIV_IIEADEK	
	Terminal				
	Board Connector, 1				
5V	Contact(s), 1 Row(s),	14	PIN_HEADER	PIN_HEADER	
	Male, Straight, Solder	34	I IIV_IIEADEK	I IIV_IIEADEK	
	Terminal				
	Board Connector, 1				
GND	Contact(s), 1 Row(s),	J5	PIN_HEADER	PIN_HEADER	
	Male, Straight, Solder		IILADER	IILADER	
	Terminal				
	Board Connector, 1				
CAN H	Contact(s), 1 Row(s),	J6	PIN_HEADER	PIN_HEADER	
CAN H	Male, Straight, Solder				
	Terminal				
	Board Connector, 1				
CANLL	Contact(s), 1 Row(s),	17	DIN HEADED	DINI HEADED	
CAN L	Male, Straight, Solder	J7	PIN_HEADER	PIN_HEADER	
	Terminal		<u></u>	L	
CON_STM32_PROGRA		J8	FTSH-105-01-F-DV-K-P-	CON_STM32_PROGRA	
MMING	10POS 1.27MM	10	TR	MMING	
	Board Connector, 1				
ENCODED CND	Contact(s), 1 Row(s),	10	DIM LIFADED	DIAL LIFADED	
ENCODER GND	Male, Straight, Solder	J9	PIN_HEADER	PIN_HEADER	
	Terminal				
			UHD1110-FKA-		
RGB LED Power LED	Triple Color LED	L1, L*	CL1A13R3Q1BBQFMF	LED_RGB	
			3	_	
			UHD1110-FKA-		
	Triple Color LED	L3	CL1A13R3Q1BBQFMF	LED_RGB	
		-	3		
Screw Motor Terminal	PCB Terminal	M1, M2	8191	MOTOR TERMINAL	
Motor +	PCB Terminal	M3	8191	MOTOR TERMINAL	
Motor -	PCB Terminal	M4	8191	MOTOR TERMINAL	
		M5	8191	MOTOR TERMINAL	
Motor S	PCB Terminal	CIVI	0171	IVIOTOR TERRITARE	
Motor S	USB Connector, 5	IVIS	0171	WOTOK TERWINAL	
Motor S		IVIS	0171	WOTOKTEKWIIVAE	
	USB Connector, 5	P1	FCI_10118193-0001LF		
	USB Connector, 5 Contact(s), Female,				
	USB Connector, 5 Contact(s), Female, Right Angle, Solder				
	USB Connector, 5 Contact(s), Female, Right Angle, Solder Terminal, Locking,				
Motor S Micro Type B	USB Connector, 5 Contact(s), Female, Right Angle, Solder Terminal, Locking, Receptacle				
	USB Connector, 5 Contact(s), Female, Right Angle, Solder Terminal, Locking, Receptacle Power Field-Effect	P1			
	USB Connector, 5 Contact(s), Female, Right Angle, Solder Terminal, Locking, Receptacle Power Field-Effect Transistor, 24A I(D),	P1 Q1, Q2, Q3, Q4, Q5,			
Місго Туре В	USB Connector, 5 Contact(s), Female, Right Angle, Solder Terminal, Locking, Receptacle Power Field-Effect Transistor, 24A I(D), 60V, 0.05ohm, 1-	P1	FCI_10118193-0001LF	USB Connector	
Місго Туре В	USB Connector, 5 Contact(s), Female, Right Angle, Solder Terminal, Locking, Receptacle Power Field-Effect Transistor, 24A I(D), 60V, 0.05ohm, 1- Element, N-Channel, Silicon, Metal-oxide	P1 Q1, Q2, Q3, Q4, Q5,	FCI_10118193-0001LF	USB Connector	
Місго Туре В	USB Connector, 5 Contact(s), Female, Right Angle, Solder Terminal, Locking, Receptacle Power Field-Effect Transistor, 24A I(D), 60V, 0.05ohm, 1- Element, N-Channel,	P1 Q1, Q2, Q3, Q4, Q5,	FCI_10118193-0001LF	USB Connector	
Місго Туре В	USB Connector, 5 Contact(s), Female, Right Angle, Solder Terminal, Locking, Receptacle Power Field-Effect Transistor, 24A I(D), 60V, 0.05ohm, 1- Element, N-Channel, Silicon, Metal-oxide Semiconductor FET, TO-252AA	P1 Q1, Q2, Q3, Q4, Q5,	FCI_10118193-0001LF	USB Connector	
Місго Туре В	USB Connector, 5 Contact(s), Female, Right Angle, Solder Terminal, Locking, Receptacle Power Field-Effect Transistor, 24A (ID), 60V, 0.050hm, 1- Element, N-Channel, Silicon, Metal-oxide Semiconductor FET, TO-252AA Fixed Resistor, Metal	P1 Q1, Q2, Q3, Q4, Q5,	FCI_10118193-0001LF	USB Connector	
Micro Type B	USB Connector, 5 Contact(s), Female, Right Angle, Solder Terminal, Locking, Receptacle Power Field-Effect Transistor, 24A I(D), 60V, 0.05ohm, 1- Element, N-Channel, Silicon, Metal-oxide Semiconductor FET, TO-252AA Fixed Resistor, Metal Glaze/flikic Film,	P1 Q1, Q2, Q3, Q4, Q5, Q6	FCI_10118193-0001LF	USB Connector  MOSFET	
Micro Type B	IJSB Connector, 5 Contact(s), Female, Right Angle, Solder Terminal, Locking, Receptacle Power Field-Effect Transistor, 24A I(D), 60V, 0.050hm, 1- Element, N-Channel, Silicon, Metal-oxide Semiconductor FET, TO-252AA Fixed Resistor, Metal Glaze/thick Film, 0.1W, 100hm, 75V,	P1 Q1, Q2, Q3, Q4, Q5,	FCI_10118193-0001LF	USB Connector	
Micro Type B	IUSB Connector, 5 Contact(S), Female, Right Angle, Solder Terminal, Locking, Receptacle Power Field-Effect Transistor, 24A (I(D), 60V, 0.05ohm, 1- Element, N-Channel, Silicon, Metal-oxide Semiconductor FET, TO-252AA Fixed Resistor, Metal Glaze/fhick Film, 0.1W, 10ohm, 75V, 1% +/-Tol, Soppm/Cel,	P1 Q1, Q2, Q3, Q4, Q5, Q6	FCI_10118193-0001LF	USB Connector  MOSFET	
Micro Type B	USB Connector, 5 Contact(s), Female, Right Angle, Solder Terminal, Locking, Receptacle Power Field-Effect Transistor, 24A (I/D), 60V, 0.05ohm, 1 Element, N-Channel, Sillicon, Metal-oxide Semiconductor FET, ITO-252AA Fixed Resistor, Metal Glaze/thick Film, 0.1W, 10ohm, 75V, 13% -/-10, SoppmvCd.	P1 Q1, Q2, Q3, Q4, Q5, Q6	FCI_10118193-0001LF	USB Connector  MOSFET	
Micro Type B  24A 60V  RES 10Ω	USB Connector, 5 Contact(s), Female, Right Angle, Solder Terminal, Locking, Receptacle Power Field-Effect Transistor, 24A (IU), 60V, 0.05chm, 1- Element, N-Channel, Silicon, Metal-oxide Semiconductor Es- Semiconductor E, To-252AA FT- Tived Resistor, Metal Glaze/fhick Film, 0.1W, 10ohm, 75V, Surface Mount, 603 Surface Mount, 603	P1 01, 02, 03, 04, 05, 06	FCL_10118193-0001LF  STD20NF06LT4  RE0603FRE0710RL	USB Connector  MOSFET  RES 10Ω	
Micro Type B  24A 60V  RES 10Ω	USB Connector, 5 Contact(s), Female, Right Angle, Solder Terminal, Locking, Roceptacle Power Field-Effect Transistor, 24A (10), 80V, 0.055mn. 1. Element, NChannel, Silicon, Metal-oxide Somiconductor FET, Tio-252AB, Tibed Resistor, Metal Glaze/Thick-Film, 0.1W, 106mn, 79V, 13% J-70, SuppmvCd. Surface Mount, 0603 Fixed Resistor, 0.1W, 206mn, 50V, 5% +/-	P1 Q1, Q2, Q3, Q4, Q5, Q6	FCI_10118193-0001LF	USB Connector  MOSFET	
Micro Type B  24A 60V  RES 10Ω	USB Connector, 5 Contact(s), Female, Right Angle, Solder Terminal, Locking, Receptacle Power Field-Effect Transistor, 24A (ID), 60V, 0.05chm, 1- Element, NChannel, Silicon, Metal-oxide Semiconductor Essemiconductor Essemiconductor Essemiconductor Es Theed Resistor, Metal Glazer/hick Film, 0.11%, 1-00chm, 75V, 11%, 4-10d, 150pm/Cel, Surface Mount, 0603 Fixed Resistor, 0.11W, 20chm, 50V, 5%, 4-1 10d, 200pm/Cel,	P1 01, 02, 03, 04, 05, 06	FCL_10118193-0001LF  STD20NF06LT4  RE0603FRE0710RL	USB Connector  MOSFET  RES 10Ω	
Micro Type B  24A 60V  RES 10Ω	USB Connector, 5 Contact(s), Female, Right Angle, Solder Terminal, Locking, Roceptacle Power Field-Effect Transistor, 24A (IO), 60V, 0.050 hm, 1 Element, N-Channel, Silicon, Metal-oxide Somiconductor FET, Tio-252AA UNIV, 100-hm, 75V, 13% J-Tol, Soppm/Cel, Surface Mount, 0603 Fixed Resistor, 01My, 200hm, 50V, 5% +/ Tol, 200pm/Cel, Surface Mount, 0603	P1 01, 02, 03, 04, 05, 06	FCL_10118193-0001LF  STD20NF06LT4  RE0603FRE0710RL	USB Connector  MOSFET  RES 10Ω	
Місго Туре В	USB Connector, 5 Contact(s), Female, Right Angle, Solder Terminal, Locking, Receptacle Power Field-Effect Transistor, 24A (ID), 60V, 0.05chm, 1- Element, NChannel, Silicon, Metal-oxide Semiconductor Essemiconductor Essemiconductor Essemiconductor Es Theed Resistor, Metal Glazer/hick Film, 0.11%, 1-00chm, 75V, 11%, 4-10d, 150pm/Cel, Surface Mount, 0603 Fixed Resistor, 0.11W, 20chm, 50V, 5%, 4-1 10d, 200pm/Cel,	P1 01, 02, 03, 04, 05, 06 R1 R2, R3, R4, R10, R11	FCL_10118193-0001LF  STD20NF06LT4  RE0603FRE0710RL	MOSFET  RES 100  RES 200	
Micro Type B  24A 60V  RES 10Ω	USB Connector, 5 Contact(s), Female, Right Angle, Solder Terminal, Locking, Receptacle Power Field-Effect Transistor, 24A (ID), 60V, 0.05chm, 1- Element, NChannel, Sillicon, Metal-oxide Semilconductor FET, 10-252AA Fixed Resistor, Metal Glazar/thick Film, 0.1W, 100hm, 75V, 10-476, 100hm, 75V, 10-476, 100hm, 75V, 10-476, 100hm, 75V, 10-476, 100hm, 50V, 10-476, 100hm, 100hm	P1 01, 02, 03, 04, 05, 06	FCL_10118193-0001LF  STD20NF06LT4  RE0603FRE0710RL  SDR03EZPJ200	MOSFET  RES 100  RES 200	
Micro Type B  24A 60V  RES 10Ω	USB Connector, 5 Contact(s), Female, Right Angle, Solder Terminal, Locking, Receptacle Power Field-Effect Transistor, 24A (ID), 609, 0.05chm., 1- Element, NChannel, Silicon, Metal-oxide Semiconductor Esemiconductor Et., Tio-252AA Fixed Resistor, Metal Glaze/fisk Film, 0.1W, 100hm, 75V, 118, -/-10, Soppm/cel, Surface Mount, 600, 307, 58, -/-101, 200pm/cel, Surface Mount, 600, 500, 500, 500, 500, 500, 500, 500	P1 01, 02, 03, 04, 05, 06 R1 R2, R3, R4, R10, R11	FCL_10118193-0001LF  STD20NF06LT4  RE0603FRE0710RL  SDR03EZPJ200	MOSFET  RES 100  RES 200	
Micro Type B  24A 60V  RES 10Ω	USB Connector, 5 Contact(s), Female, Right Angle, Solder Terminal, Locking, Receptacle Power Field-Effect Transistor, 24A (ID), 60V, 0.05chm, 1- Element, NChannel, Sillicon, Metal-oxide Semilconductor FET, 10-252AA Fixed Resistor, Metal Glazar/thick Film, 0.1W, 100hm, 75V, 10-476, 100hm, 75V, 10-476, 100hm, 75V, 10-476, 100hm, 75V, 10-476, 100hm, 50V, 10-476, 100hm, 100hm	P1 01, 02, 03, 04, 05, 06 R1 R2, R3, R4, R10, R11	FCL_10118193-0001LF  STD20NF06LT4  RE0603FRE0710RL  SDR03EZPJ200  CRCW120668R0JNEAC	MOSFET  RES 100  RES 200	
Micro Type B  24A 60V  RES 10Ω  RES 20Ω	USB Connector, 5 Contact(s), Female, Right Angle, Solder Terminal, Locking, Receptacle Power Field-Effect Transistor, 24A (ID), 609, 0056mn, 1- Element, NChannel, Silicon, Metal-oxide Semiconductor FE, Tio 2-52AA Fixed Resistor, Metal Glaze/thick Film, 0.1W, 100hm, 75V, 198-y-170, 50ppm/Cel, Sufface Mount, 0.3M, 100hm, 75V, 198-y-170, 50ppm/Cel, Sufface Mount, 0.3M, 100hm, 75V, 198-y-170, 50ppm/Cel, Sufface Mount, 0.3M, 100hm, 100	P1 01, 02, 03, 04, 05, 06 R1 R2, R3, R4, R10, R11 R5, R12	FCL_10118193-0001LF  STD20NF06LT4  RE0603FRE0710RL  SDR03EZPJ200  CRCW120668R0JNEAC	USB Connector  MOSFET  RES 10Ω  RES 20Ω  RES 68Ω	:
Micro Type B  24A 60V  RES 10Ω  RES 20Ω	USB Connector, 5 Contact(s), Female, Right Angle, Solder Terminal, Locking, Receptacle Power Field-Effect Transistor, 24A (IU), 60V, 0.05chm, 1- Element, NChannel, Sillicon, Metal-oxide Semiconductor Meta	P1 Q1, Q2, Q3, Q4, Q5, Q6 R1 R2, R3, R4, R10, R11 R5, R12	FCL_10118193-0001LF  STD20NF06LT4  RE0603FRE0710RL  SDR03EZPJ200  CRCW120668R0JNEAC  13- RE1206FRE0710KLCT- RE1206FRE0710KLCT- RE1206FRE0710KLCT-	USB Connector  MOSFET  RES 10Ω  RES 20Ω  RES 68Ω	:
Micro Type B  24A 60V  RES 10Ω  RES 20Ω	USB Connector, 5 Contact(s), Female, Right Angle, Solder Right Angle, Solder Ferminal, Locking, Receptacle Power Field-Effect Transistor, Z4A (ID), 609, 0.056mn, 1- Element, NChannel, Silicon, Metal-oxide Semiconductor FE, TiO. 252AA FINE AND SOLD SOLD SOLD SOLD SOLD SOLD SOLD SOL	P1 01, 02, 03, 04, 05, 06 R1 R2, R3, R4, R10, R11 R5, R12	FCL_10118193-0001LF  STD20NF06LT4  RE0603FRE0710RL  SDR03EZPJ200  CRCW120668R0JNEAC	USB Connector  MOSFET  RES 10Ω  RES 20Ω  RES 68Ω	:
Micro Type B  24A 60V  RES 10Ω	USB Connector, 5 Contact(s), Female, Right Angle, Solder Terminal, Locking, Receptacle Power Field-Effect Ternsistor, 24A (IU), 60V, 0.05chm, 1- Element, NChannel, Silicon, Metal-oxide Semiconductor Element, NChannel, Silicon, Metal-oxide Semiconductor El, To-252AA Fixed Resistor, Metal Glaze/thick Film, 0.1W, 100hm, 75V, 18* 4-710, SoppmVcl Surface Mount, 60G3 Surface Strick Film 1206 Fixed Resistor, Metal Glaze/thick Film 2.05W, 10000ohm, 2	P1 Q1, Q2, Q3, Q4, Q5, Q6 R1 R2, R3, R4, R10, R11 R5, R12	FCL_10118193-0001LF  STD20NF06LT4  RE0603FRE0710RL  SDR03EZPJ200  CRCW120668R0JNEAC  13- RE1206FRE0710KLCT- RE1206FRE0710KLCT- RE1206FRE0710KLCT-	USB Connector  MOSFET  RES 10Ω  RES 20Ω  RES 68Ω	:
Micro Type B  24A 60V  RES 10Ω  RES 20Ω	USB Connector, 5 Contact(s), Female, Right Angle, Solder Right Angle, Solder Ferminal, Locking, Receptacle Power Field-Effect Transistor, 24A (ID), 609, 0.056mn, 1- Element, NChannel, Sillicon, Metal-oxide Semiconductor E. Tio. 252AA Fixed Resistor, Metal Glaze/thick Film, 0.1W, 100hm, 75V, 1% -/-10, 50ppm/Cel, Surface Mount, 610 Fixed Resistor, Metal Glaze/thick Film, 0.25W, 100000hm, 0.25W, 10000hm, 0.25W, 100000hm, 0.25W, 10000hm, 0.25W, 100000hm, 0.25W, 100000hm, 0.25W, 100000hm, 0.25W, 10000hm, 0.25W, 100000hm, 0.25W, 100000hm, 0.25W, 100000hm, 0.25W, 100000hm, 0.25W, 100000hm, 0.25W, 100000hm, 0.25W, 10000hm, 0.25W, 10000hm, 0.25W, 10000hm, 0.25W, 10000hm, 0.25W, 10000hm, 0.25	P1 Q1, Q2, Q3, Q4, Q5, Q6 R1 R2, R3, R4, R10, R11 R5, R12	FCL_10118193-0001LF  STD20NF06LT4  RE0603FRE0710RL  SDR03EZPJ200  CRCW120668R0JNEAC  13- RE1206FRE0710KLCT- RE1206FRE0710KLCT- RE1206FRE0710KLCT-	USB Connector  MOSFET  RES 10Ω  RES 20Ω  RES 68Ω	
Micro Type B  24A 60V  RES 10Ω  RES 20Ω  RES 68Ω	USB Connector, 5 Contact(s), Female, Right Angle, Solder Terminal, Locking, Receptacle Power Field-Effect Ternsistor, 24A (IU), 60V, 0.05chm, 1- Element, NChannel, Silicon, Metal-oxide Semiconductor Element, NChannel, Silicon, Metal-oxide Semiconductor Element, NChannel, Silicon, Metal-oxide Semiconductor Element, NChannel, Silicon, Metal-oxide Glaze/hick Filim, 0.1W, 10-bm, 75V, 1% -/-Tol, 50ppm/Cel, Surface Mount, 60G3 Lock Semiconductor Semiconducto	P1 O1, O2, O3, O4, O5, O6 R1 R2, R3, R4, R10, R11 R5, R12 R6, R7, R8, R13, R14, R15, R16, R17, R18	FCL_10118193-0001LF  STD20NF06LT4  RE0603FRE0710RL  SDR03EZPJ200  CRCW120668R0JNEAC  13- RE1206FRE0710KLCT-ND	MOSFET  RES 10Ω  RES 20Ω  RES 68Ω	:
Micro Type B  24A 60V  RES 10Ω  RES 20Ω  RES 68Ω	USB Connector, 5 Contact(s), Female, Right Angle, Solder Terminal, Locking, Receptacle, Terminal, Locking, Receptacle, 10, 10, 10, 10, 10, 10, 10, 10, 10, 10	P1 Q1, Q2, Q3, Q4, Q5, Q6 R1 R2, R3, R4, R10, R11 R5, R12	FCL_10118193-0001LF  STD20NF06LT4  RE0603FRE0710RL  SDR03EZPJ200  CRCW120668R0JNEAC  13- RE1206FRE0710KLCT- RE1206FRE0710KLCT- RE1206FRE0710KLCT-	USB Connector  MOSFET  RES 10Ω  RES 20Ω  RES 68Ω	:
Micro Type B  24A 60V  RES 10Ω  RES 20Ω  RES 68Ω	USB Connector, 5 Contact(s), Female, Right Angle, Solder Terminal, Locking, Receptacle Power Field-Effect Terminal, Locking, Receptacle Power Field-Effect Terminals, Code, 19, 190, 190, 190, 190, 190, 190, 190,	P1 O1, O2, O3, O4, O5, O6 R1 R2, R3, R4, R10, R11 R5, R12 R6, R7, R8, R13, R14, R15, R16, R17, R18	FCL_10118193-0001LF  STD20NF06LT4  RE0603FRE0710RL  SDR03EZPJ200  CRCW120668R0JNEAC  13- RE1206FRE0710KLCT-ND	MOSFET  RES 10Ω  RES 20Ω  RES 68Ω	:
Micro Type B  24A 60V  RES 10Ω  RES 20Ω  RES 10k Ω  RES 120Ω	USB Connector, 5 Contact(s), Female, Right Angle, Solder Terminal, Locking, Receptacle Power Field-Effect Transistor, 24A (ID), 66V, 0.056 nm, 1 Element, NChamel, Silicon, Metal-oxide Semiconductor FET, 170.252AA Fired Resistor, Metal Glaze/thick Film, 0.1W, 106nn, 75V, 18 x-17-0, 50ppm/Cel, 300 nm, 200 nm,	P1 Q1, Q2, Q3, Q4, Q5, Q6 R1 R2, R3, R4, R10, R11 R5, R12 R6, R7, R8, R13, R14, R15, R16, R17, R18 R9	FCL_10118193-0001LF  STD20NF06LT4  RE0603FRE0710RL  SDR03EZPJ200  CRCW120668R0JNEAC  13- RE1206FRE0710KLCT- ND  SDR03EZPJ200	USB Connector  MOSFET  RES 10Ω  RES 20Ω  RES 68Ω  RES 10k Ω	
Micro Type B  24A 60V  RES 10Ω  RES 20Ω  RES 10k Ω  RES 120Ω	USB Connector, 5 Contact(s), Female, Right Angle, Solder Terminal, Locking, Receptacle Power Field-Effect Terminal, Locking, Receptacle Power Field-Effect Teraristor, 24A (ID), 609, 0.05cm., 1- Element, NChannel, Silicon, Metal-oxide Semiconductor Esemiconductor Esemiconduc	P1 O1, O2, O3, O4, O5, O6 R1 R2, R3, R4, R10, R11 R5, R12 R6, R7, R8, R13, R14, R15, R16, R17, R18	FCL_10118193-0001LF  STD20NF06LT4  RE0603FRE0710RL  SDR03EZPJ200  CRCW120668R0JNEAC  13- RE1206FRE0710KLCT-ND	MOSFET  RES 10Ω  RES 20Ω  RES 68Ω  RES 10k Ω	:
Micro Type B  24A 60V  RES 10Ω  RES 20Ω  RES 10k Ω  RES 120Ω	USB Connector, 5 Contact(s), Female, Right Angle, Solder Terminal, Locking, Receptacle Power Field-Effect Terminal, Locking, Receptacle Power Field-Effect Terminals, Locking, Memory Company, 1997, 1	P1 Q1, Q2, Q3, Q4, Q5, Q6 R1 R2, R3, R4, R10, R11 R5, R12 R6, R7, R8, R13, R14, R15, R16, R17, R18 R9	FCL_10118193-0001LF  STD20NF06LT4  RE0603FRE0710RL  SDR03EZPJ200  CRCW120668R0JNEAC  13- RE1206FRE0710KLCT- ND  SDR03EZPJ200	USB Connector  MOSFET  RES 10Ω  RES 20Ω  RES 68Ω  RES 10k Ω	
Micro Type B  24A 60V  RES 10Ω  RES 20Ω	USB Connector, 5 Contact(s), Female, Right Angle, Solder Terminal, Locking, Roceptacle Power Field-Effect Terminal, Locking, Receptacle Power Field-Effect Terminals, Locking, Receptacle States, 1997	P1 01, Q2, Q3, Q4, Q5, Q6 R1 R2, R3, R4, R10, R11 R5, R12 R6, R7, R8, R13, R14, R15, R16, R17, R18 R9 S1, S7	FCL_10118193-0001LF  STD20NF06LT4  RE0603FRE0710RL  SDR03EZPJ200  CRCW120668R0JNEAC  13- RE1206FRE0710KLCT- ND  SDR03EZPJ200	USB Connector  MOSFET  RES 10Ω  RES 20Ω  RES 68Ω  RES 10k Ω	
Micro Type B  24A 60V  RES 10Ω  RES 20Ω  RES 10k Ω  RES 120Ω  SW_SPST_NO	USB Connector, 5 Contact(s), Female, Right Angle, Solder Terminal, Locking, Roceptacle Power Field-Effect Terminal, Locking, Receptacle Power Field-Effect Terminals, Locking, Receptacle States, 1997	P1 01, Q2, Q3, Q4, Q5, Q6 R1 R2, R3, R4, R10, R11 R5, R12 R6, R7, R8, R13, R14, R15, R16, R17, R18 R9 S1, S7	FCL_10118193-0001LF  STD20NF06LT4  RE0603FRE0710RL  SDR03EZPJ200  CRCW120668R0JNEAC  13- RE1206FRE0710KLCT- ND  SDR03EZPJ200  B3U-1000P	MOSFET  RES 10Ω  RES 20Ω  RES 68Ω  RES 10k Ω  RES 120  SW_SPST_NO	
Micro Type B  24A 60V  RES 10Ω  RES 20Ω  RES 10k Ω  RES 120Ω  SW_SPST_NO	USB Connector, 5 Contact(s), Female, Right Angle, Solder Right Angle, Solder Power Fleid-Effect Transistor, Z4A (ID), 609, 0.056mn, 1 Element, N. Channel, Sillicon, Metal-oxide Semiconductor EE, Semiconductor EE, Tion 25:2AA Fixed Resistor, Metal Glaze/fluk: Film, 0.1W, 100mn, 75V, 1% -/-10, 50ppm/Cel, Surface Mount, 0.050 Fixed Resistor, Metal Glaze/fluk: Film, 0.25W, 100000mm, 25V, 1700000mm, 25V, 170000mm, 25V, 1700000mm, 25V, 170000mm, 25V, 1700000mm, 25V, 1700000mm, 25V, 1700000mm, 25V, 170000mm, 25V, 1700000mm, 25V, 1700000mm, 25V, 1700000mm, 25V, 1700000mm, 25V, 170000mm, 25V, 170000mm, 25V, 170000mm, 25V, 170000mm, 25V, 1700000mm, 25V, 170000mm, 25V, 170000mm, 25V, 170000mm, 25V, 170000mm, 25V, 170000	P1 01, Q2, Q3, Q4, Q5, Q6 R1 R2, R3, R4, R10, R11 R5, R12 R6, R7, R8, R13, R14, R15, R16, R17, R18 R9 S1, S7	FCL_10118193-0001LF  STD20NF06LT4  RE0603FRE0710RL  SDR03EZPJ200  CRCW120668R0JNEAC  13- RE1206FRE0710KLCT- ND  SDR03EZPJ200	USB Connector  MOSFET  RES 10Ω  RES 20Ω  RES 68Ω  RES 10k Ω	
Micro Type B  24A 60V  RES 10Ω  RES 20Ω  RES 10k Ω  RES 120Ω  SW_SPST_NO	USB Connector, 5 Contact(s), Female, Right Angle, Solder Terminal, Locking, Receptacle Power Field-Effect Terminal, Locking, Receptacle Power Field-Effect Terminal, Locking, Receptacle Seminary (2004), 1997, 19	P1 01, Q2, Q3, Q4, Q5, Q6 R1 R2, R3, R4, R10, R11 R5, R12 R6, R7, R8, R13, R14, R15, R16, R17, R18 R9 S1, S7	FCL_10118193-0001LF  STD20NF06LT4  RE0603FRE0710RL  SDR03EZPJ200  CRCW120668R0JNEAC  13- RE1206FRE0710KLCT- ND  SDR03EZPJ200  B3U-1000P	MOSFET  RES 10Ω  RES 20Ω  RES 68Ω  RES 10k Ω  RES 120  SW_SPST_NO	
Micro Type B  24A 60V  RES 10Ω  RES 20Ω  RES 10k Ω  RES 120Ω  SW_SPST_NO	USB Connector, 5 Contact(s), Female, 8 Right Angle, Solder Terminal, Locking, Receptacle Power Field-Effect Transistor, 24A (10), 609, 0056mn, 1- Element, NChannel, Silicon, Metal-oxide Semiconductor Field-Effect Tio-252AA Fixed Resistor, Metal-oxide Glaze/Thick Film, 0.11W, 100hm, 75V, 134-V-10, 50ppm/Cel, 3urface Mount, 0.50 Fixed Resistor, Metal-oxide Surface Mount, 0.50 Fixed Resistor, Metal-oxide Surface Mount, 0.50 Fixed Resistor, Metal-oxide Glaze/Thick Film, 0.25W, 100000hm, 20V, 54-Tol, 200ppm/Cel, 3urface Glaze/Thick Film, 0.25W, 100000hm, 0.25W, 10000hm, 0.25W, 10	P1 01, Q2, Q3, Q4, Q5, Q6 R1 R2, R3, R4, R10, R11 R5, R12 R6, R7, R8, R13, R14, R15, R16, R17, R18 R9 S1, S7	FCL_10118193-0001LF  STD20NF06LT4  RE0603FRE0710RL  SDR03EZPJ200  CRCW120668R0JNEAC  13- RE1206FRE0710KLCT- ND  SDR03EZPJ200  B3U-1000P	MOSFET  RES 10Ω  RES 20Ω  RES 68Ω  RES 10k Ω  RES 120  SW_SPST_NO	
Micro Type B  24A 60V  RES 10Ω  RES 20Ω  RES 68Ω  RES 10k Ω  RES 120Ω  SW_SPST_NO  STM32F446RET6	USB Connector, 5 Contact(s), Female, Right Angle, Solder Terminal, Locking, Regel Angle, Solder Terminal, Locking, Receptacle Power Field-Effect Transistor, 24A (IU), 660 V, 0.05 ohm, 1 Element, NChannel, Silicon, Metal-coxide Somiconductor FET, 110-252AA  Field Resistor, Metal Glaze/fisick Film, 0.11V, 100hm, 75V, 138 - J-10, 50ppm/Cel, 30x1/ace Mount, 0.603  Fixed Resistor, 0.11W, 100hm, 75V, 138 - J-10, 50ppm/Cel, 30x1/ace Mount, 0.603  Fixed Resistor, 0.11W, 100hm, 10	P1 01, Q2, Q3, Q4, Q5, Q6 R1 R2, R3, R4, R10, R11 R5, R12 R6, R7, R8, R13, R14, R15, R16, R17, R18 R9 S1, S7	FCL_10118193-0001LF  STD20NF06LT4  RE0603FRE0710RL  SDR03EZPJ200  CRCW120668R0JNEAC  13- RE1206FRE0710KLCT- ND  SDR03EZPJ200  B3U-1000P	MOSFET  RES 10Ω  RES 20Ω  RES 68Ω  RES 10k Ω  RES 120  SW_SPST_NO	
Micro Type B  24A 60V  RES 10Ω  RES 20Ω  RES 68Ω  RES 120Ω  SW_SPST_NO  STM32F446RET6	USB Connector, 5 Contact(s), Female, 80, 11 Right Angle, Solder Terminal, Locking, Receptacle Power Field-Effect Transistor, 24A (ID), 609, 0.056 m., 1- Element, NChannel, Silicon, Metal-oxide Semiconductor Element, NChannel, Silicon, Metal-oxide Semiconductor Fined Resistor, Metal-oxide Semiconductor Fined Resistor, Metal-oxide Glaze/Thick Film, 0.11, 10, 10, 10, 10, 10, 10, 10, 10, 10,	P1 O1, O2, O3, O4, O5, O6 R1 R2, R3, R4, R10, R11 R5, R12 R6, R7, R8, R13, R14, R15, R16, R17, R18 R9 S1, S7	FCL_10118193-0001LF  STD20NF06LT4  RE0603FRE0710RL  SDR03EZPJ200  CRCW120668R0JNEAC  13- RE1206FRE0710KLCT- ND  SDR03EZPJ200  B3U-1000P  STM_LOFP64_N	USB Connector  MOSFET  RES 10Ω  RES 20Ω  RES 68Ω  RES 10k Ω  RES 120  SW_SPST_NO  STM32F446RET6	
Micro Type B  24A 60V  RES 10Ω  RES 20Ω  RES 10k Ω  RES 120Ω	USB Connector, 5 Contact(s), Female, Right Angle, Solder Terminal, Locking, Regel Angle, Solder Terminal, Locking, Receptacle Power Field-Effect Transistor, 24A (10), Receptacle Power Field-Effect Transistor, 24A (10), Receptacle Field-Effect Transistor, Metal-Catacter Tol. 252AA Tol. 250pm/Cel. Surface Mount, 0603 Fixed Resistor, 0.1W, 20chm, 50V, 5% +/- Tol. 200pm/Cel. Surface Mount, 0603 SWITCH Year (10), Surface Mount, 2006 SWITCH Year (10), Surface Mount, 1006 SWITCH TACTILE SPST- NO. 10, 200pm/Cel. Surface Mount, 1007 SWITCH TACTILE SPST- NO. 10, 200pm/Cel. Surface Mount, 0603 SWITCH TACTILE SPST- NO. 10, 200pm/Cel. Surface Mount, 10, 200, Fixed Resistor, 0.1W, 1200-bm, 50V, 5% +/- Tol. 200pm/Cel. Surface Mount, 10, 200, Fixed Resistor, 10, 100, 100, 100, 100, 100, 100, 100	P1 O1, O2, O3, O4, O5, O6 R1 R2, R3, R4, R10, R11 R5, R12 R6, R7, R8, R13, R14, R15, R16, R17, R18 R9 S1, S7	FCL_10118193-0001LF  STD20NF06LT4  RE0603FRE0710RL  SDR03EZPJ200  CRCW120668R0JNEAC  13- RE1206FRE0710KLCT- ND  SDR03EZPJ200  B3U-1000P  STM_LOFP64_N	USB Connector  MOSFET  RES 10Ω  RES 20Ω  RES 68Ω  RES 10k Ω  SES 120  SW_SPST_NO  STM32F446RET6  FT232RL	
Micro Type B  24A 60V  RES 10Ω  RES 20Ω  RES 68Ω  RES 10k Ω  SW_SPST_NO  SSW_SPST_NO  STM32F446RET6	USB Connector, 5 Contact(s), Female, Right Angle, Solder Right Angle, Solder Power Field-Effect Transistor, Z4A (ID), 609, 0.056mn, 1- Element, NChannel, Sillicon, Metal-oxide Semiconductor Semiconductor Semiconductor Semiconductor Semiconductor (IT), 170, 252AA FINE CONTINUE OF THE SEMICON	P1 O1, O2, O3, O4, O5, O6 P1	FCL_10118193-0001LF  STD20NF06LT4  RE0603FRE0710RL  SDR03EZPJ200  CRCW120668R0JNEAC  13- RE1206FRE0710KLCT- ND  SDR03EZPJ200  B3U-1000P  STM_LOFP64_N  FT232RL	USB Connector  MOSFET  RES 10Ω  RES 20Ω  RES 68Ω  RES 10k Ω  RES 120  SW_SPST_NO  SIM32F446RET6  FT232RL  Bi-Directional Logic	
Micro Type B  24A 60V  RES 10Ω  RES 20Ω  RES 68Ω  RES 10k Ω  SW_SPST_NO  STM32F446RET6	USB Connector, 5 Contact(s), Female, Right Angle, Solder Terminal, Locking, Regolarde, Power Field-Effect Transistor, 24A (10), Roceptacle Semiconductor FET, 110-252AA (10), Roceptacle Sem	P1 O1, O2, O3, O4, O5, O6 R1 R2, R3, R4, R10, R11 R5, R12 R6, R7, R8, R13, R14, R15, R16, R17, R18 R9 S1, S7	FCL_10118193-0001LF  STD20NF06LT4  RE0603FRE0710RL  SDR03EZPJ200  CRCW120668R0JNEAC  13- RE1206FRE0710KLCT- ND  SDR03EZPJ200  B3U-1000P  STM_LOFP64_N	USB Connector  MOSFET  RES 10Ω  RES 20Ω  RES 68Ω  RES 10k Ω  SES 120  SW_SPST_NO  STM32F446RET6  FT232RL	
Micro Type B  24A 60V  RES 10Ω  RES 20Ω  RES 68Ω  RES 120Ω  SW_SPST_NO  STM32F446RET6	USB Connector, 5 Contact(s), Female, Right Angle, Solder Right Angle, Solder Power Field-Effect Transistor, Z4A (ID), 609, 0.056mn, 1- Element, NChannel, Sillicon, Metal-oxide Semiconductor Semiconductor Semiconductor Semiconductor Semiconductor (IT), 170, 252AA FINE CONTINUE OF THE SEMICON	P1 O1, O2, O3, O4, O5, O6 P1	FCL_10118193-0001LF  STD20NF06LT4  RE0603FRE0710RL  SDR03EZPJ200  CRCW120668R0JNEAC  13- RE1206FRE0710KLCT- ND  SDR03EZPJ200  B3U-1000P  STM_LOFP64_N  FT232RL	USB Connector  MOSFET  RES 10Ω  RES 20Ω  RES 68Ω  RES 10k Ω  RES 120  SW_SPST_NO  SIM32F446RET6  FT232RL  Bi-Directional Logic	