



Comment	Description	Designator	Footprint	LibRef	Quantity
Bipolar LED		VD1, VD2, VD3, VD4, VD5, VD6, VD7, VD8, VD9, VD10	6-0805_N	Bipolar LED	10
Header 4	Header, 4-Pin	USART1, USART2	CAT5 2.5x4_THR	Header 4	2
SN74ALVCH162827DL	20-Bit Buffer/Driver with 3-State Outputs	U3	DL056_N	SN74ALVCH162827DL	1
SN74241		U2	SOIC127 (sn74241)	SN74241	1
ULN2003D	Seven Darlington Array	U1	SO16_N	ULN2003D	1
Res3	Resistor	R7, R8, R19, R20, R21, R23, R31, R32, R33, R34, R35, R36, R58, R59, R60, R61, R62, R63, R64, R65, R66, R67, R_INH1	6-0805_N	Res3	23
Res2	Resistor	R1, R2, R3, R4, R5, R6, R9, R10, R11, R12, R13, R14, R15, R16, R17, R18, R22, R24, R25, R26, R27, R28, R29, R30, R37, R38, R39, R40, R41, R42, R43, R44, R45, R46, R47, R48, R49, R50, R51, R52, R53, R54, R55, R56, R57	6-0805_N	Res2	45
IRLML5103	HEXFET Power MOSFET	Q1	SOT-23_N	IRLML5103	1
Header_vetrical_3.5x2	screw_connector	Pneum1, Pneum2, Pneum3, Pneum4, Pneum5, Pneum6	cat5 2.5x2 SMD-THR	Header_vetrical_3.5x2	6
?????????? 3	Header, 3-Pin	PA9, PA10	CAT5 2.5x3 THR_ADC	Header 3	2
?????????? 3	Header, 3-Pin	PA3, PA6	CAT5 2.5x3 SMD-THR	Header 3	2
?????????? 2	Header, 3-Pin	PA2, PA5, PA8	CAT5 2.5x3 SMD-THR	Header 3	3
?????????? 1	Header, 3-Pin	PA1, PA4, PA7	CAT5 2.5x3 SMD-THR	Header 3	3
Header 2	Header, 2-Pin	P3	HDR 1X2	Header 2	1
Header 3	Header, 3-Pin	P2, P5	HDR1X3	Header 3	2
Header 25X2	Header, 25-Pin, Dual row	P1, P4	25x2pin connector smd - duplicate	Header 25X2	2
ILD207		ILD1, ILD2, ILD3, ILD4	SO8_M	ILD207	4
Header 4	Header, 4-Pin	I1, I2	CAT5 2.5x4 SMD-THR	Header 4	2
Header 3	Header, 3-Pin	Dynomixels1, EXT11, EXT12, EXT13, EXT14, EXT15, EXT16, EXT17, EXT18, EXT19, EXT10	CAT5 2.5x3 THR	Header 3	11
LED0	Typical INFRARED GaAs LED	D7, D8	6-0805_N	LED0	2
SMD LED	Typical INFRARED GaAs LED	D1, D2, D3, D4, D5, D6	6-0805_N	LED0	6
Cap	Capacitor	C1, C2, C3, C14, C20, C24, C28, C35, C37, C41, C45, C46, C47, C48, C49, C50, C51, C52, C53, C54	6-0805_N	Cap	20
Header3.5mmX4way	screw_connector	BTN5, BTN6, BTN7, BTN8, BTN9, BTN10	CAT5 2.5x4_THR	Header3.5mmX4way	6
Header3.5mmX4way	screw_connector	BTN1, BTN2, BTN3, BTN4	CAT5 2.5x4 SMD-THR	Header3.5mmX4way	9