

NO1, VD2, VD3, VD4, VD4, VD5, VD7, VD8, ND8, ND8, ND9, VD9, VD9, VD9, VD9, VD9, VD9, VD9, V	Comment	Description	Designator	Footprint	LibRef	Quantity
Signolar LED						
Neader 4	Bipolar LFD			6-0805 N	Bipolar I FD	10
April	· · · · · · · · · · · · · · · · · · ·	Header 4-Pin		_		2
SN74241			00,	G (13 2.5% 1_111)		
ULNZ003D Seven Darlington Array U1  R7, R8, R19, R20, R21, R23, R23, R24, R25, R25, R25, R25, R26, R26, R26, R26, R26, R26, R26, R26	SN74ALVCH162827DL	with 3-State Outputs	U3	DL056_N	SN74ALVCH162827DL	1
R7, R8, R19, R20, R21, R21, R23, R31, R32, R33, R34, R35, R36, R36, R36, R36, R36, R36, R36, R36	SN74241		U2	SOIC127 (sn74241)	SN74241	1
Res3 Resistor R7, R2, R3, R4, R5, R6, R6, R6, R6, R6, R6, R6, R6, R6, R6	ULN2003D	Seven Darlington Array	U1	SO16_N	ULN2003D	1
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, R33, R54, R55, R56, R57  Res2 Resistor R56, R57 D1 S0T-23, N RLML5103 D1 Pneum1, Pneum2, Pneum3, Pneum4, Pneum3, Pneum4, Pneum5, Pneum6, Pneum5, Pneum6, Pneum5, Pneum6 Cat5 2.5x2 SMD-THR Header_vetrical_3.5x2 D1 PA3, PA40 CAT5 2.5x3 SMD-THR Header 3 D2 PA3, PA5 CAT5 2.5x3 SMD-THR Header 3 D2 PA3, PA5 D44, PA4, PA7 CAT5 2.5x3 SMD-THR Header 3 D44, PA4, PA7 D44, PA7 D47, PA4, PA7 D47, PA4, PA7 D47, PA4, PA7 D47, PA7, PA7, PA7, PA7, PA7, PA7, PA7, PA			R23, R31, R32, R33, R34, R35, R36, R58, R59, R60, R61, R62,			
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, R35, R54, R55, R56, R57  Res2  Resistor  Res2  Resistor  Res2  Resistor  Res2  Resistor  Res2  Res3  Res4  Res4  Res4  Res5  Res5  Res2  Res5  Res2  Res2  Res2  Res2  Res2  Res2  Res2  Res3  Res2  At5  RS6, R37  Res2  At5  Res2  At5	Res3	Resistor		6-0805_N	Res3	23
Pneum1, Pneum2, Pneum3, Pneum4, Pneum3, Pneum4, Pneum5, Pneum6   Cat5 2.5x2 SMD-THR   Header_vetrical_3.5x2   6	Res2	Resistor	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,	6-0805_N	Res2	45
Pneum1, Pneum2, Pneum3, Pneum4, Pneum3, Pneum4, Pneum5, Pneum6   Cat5 2.5x2 SMD-THR   Header_vetrical_3.5x2   6	IRLML5103	HEXFET Power MOSFET	01	SOT-23 N	IRLML5103	1
### PA3, PA6 CATS 2.5x3 SMD-THR Header 3 2 ###################################	Header_vetrical_3.5x2	screw_connector	Pneum3, Pneum4,	cat5 2.5x2 SMD-THR	Header_vetrical_3.5x2	6
2????????? 2         Header, 3-Pin         PA2, PA5, PA8         CAT5 2.5x3 SMD-THR         Header 3         3           2????????? 17         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         EXTI2, EXTI3, EXTI4, EXTI7, EXTI3, EXTI4, EXTI5, EXTI6, EXTI7, EXTI8, EXTI9, EXTI10         CAT5 2.5x4 SMD-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 G-0805_N         C6-0805_N         LED0         6           Cap         Cap C24, C28, C35, C37, C41, C45, C46, C47, C48, C49, C50, C51, C52, C53, C54         6-0805	?????????? ???? 3	Header, 3-Pin	PA9, PA10	CAT5 2.5x3 THR_ADC	Header 3	2
2??????????? 1         Header, 3-Pin         PA1, PA4, PA7         CAT5 2.5x3 SMD-THR         Header 3         3           Header 2         Header, 3-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         S08_M         ILD207         4           Header 4         Header, 4-Pin         I1, I2         CAT5 2.5x4 SMD-THR         Header 4         2           Header 3         Header, 3-Pin         EXTIS, EXTI3, EXTI1, EXTI2, EXTI3	?????????? ???? 3	Header, 3-Pin	PA3, PA6	CAT5 2.5x3 SMD-THR	Header 3	2
Header 2	????????? ???? 2	Header, 3-Pin	PA2, PA5, PA8	CAT5 2.5x3 SMD-THR	Header 3	3
Header 3	?????????? ???? 1	Header, 3-Pin	PA1, PA4, PA7	CAT5 2.5x3 SMD-THR	Header 3	3
Header 25X2   Header, 25-Pin, Dual row   P1, P4   25x2pin connector smd - duplicate   Header 25X2   2	Header 2	Header, 2-Pin	P3	HDR 1X2	Header 2	1
Header 25X2   row	Header 3	Header, 3-Pin	P2, P5	HDR1X3	Header 3	2
Header 4   Header, 4-Pin   I1, I2   CATS 2.5x4 SMD-THR   Header 4   2	Header 25X2		P1, P4	'	Header 25X2	2
Dynomixels1, EXTI1, EXTI2, EXTI3, EXTI4, EXTI5, EXTI6, EXTI7, EXTI5, EXTI6, EXTI7, EXTI8, EXTI6, EXTI7, EXTI8, EXTI6, EXTI7, EXTI8, EXTI9, EXTI10   CAT5 2.5x3 THR   Header 3   11	ILD207		ILD1, ILD2, ILD3, ILD4	SO8_M	ILD207	4
EXTI2, EXTI3, EXTI4, EXTI5, EXTI6, EXTI7, EXTI8, EXTI6, EXTI7, EXTI8, EXTI9, EXTI10   CAT5 2.5x3 THR   Header 3   11	Header 4	Header, 4-Pin	11, 12	CAT5 2.5x4 SMD-THR	Header 4	2
LEDO         LÉD         D7, D8         6-0805_N         LEDO         2           SMD LED         Typical INFRARED GaAs LED         D1, D2, D3, D4, D5, D6         6-0805_N         LEDO         6           C1, C2, C3, C14, C20, C24, C28, C35, C37, C41, C45, C46, C47, C48, C49, C50, C51, C52, C53, C54         Cap         Capacitor         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	Header 3		EXT12, EXT13, EXT14, EXT15, EXT16, EXT17,	CAT5 2.5x3 THR	Header 3	11
Typical INFRARED GaAs LED D1, D2, D3, D4, D5, D6 6-0805_N LED0 6  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 BTN8, BTN9, BTN10 CAT5 2.5x4_THR Header3.5mmX4way 6	LEDO	7.	D7 D0	6 000E N	LEDO	2
SMD LED         LED         D1, D2, D3, D4, D5, D6         6-0805_N         LED0         6           C1, C2, C3, C14, C20, C24, C28, C35, C37, C41, C45, C46, C47, C48, C49, C50, C51, C52, C53, C54         Cap         Capacitor         Capacitor         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	LEDU		סט, טס	N_COOUS_IN	ובטט	2
C24, C28, C35, C37, C41, C45, C46, C47, C48, C49, C50, C51, Cap Capacitor C52, C53, C54 6-0805_N Cap 20  BTN5, BTN6, BTN7, BTN8, BTN9, BTN10 CAT5 2.5x4_THR Header3.5mmX4way 6	SMD LED			6-0805_N	LED0	6
			C24, C28, C35, C37, C41, C45, C46, C47, C48, C49, C50, C51, C52, C53, C54 BTN5, BTN6, BTN7,			
neaders.smmx4way		_			,	
	neaders.smmx4way	sciew_connector	אווס, באווס, באווס, דאווטן, דאווטן, באווס	CATO 2.0X4 SIVID-THK	neauero.onmaway	9