





Comment	Description	Designator	Footprint	LibRef	Quantity
AZD		1	Zero_DUE_noHole	ArduinoZero_DUE	1
ledBar		BAR	LEDBARGRAPH	ledBar	1
buzzer		BUZZER	buzzer	buzzer	1
Header 4	Header, 4-Pin	DCM, I2C1, I2C2, MPOW, SERVO, STPM	HDR1X4	Header 4	6
dipSw8		DIP1	dipsw8	dipSw8	1
DS28E07P+T	Integrated Circuit	EEPROM	DS2807	DS28E07P+T	1
Header 2	Header, 2-Pin	I2CINT, J8, J11, J12	HDR1X2	Header 2	4
imu		IMU	IMUBMX160V1	imu	1
Header 10X2	Header, 10-Pin, Dual row	J1	HDR2X10	Header 10X2	1
Header 8X2	Header, 8-Pin, Dual row	J2, J3, J4, J13	HDR2X8	Header 8X2	4
Header 4X2	Header, 4-Pin, Dual row	J5, J6, J7	HDR2X4	Header 4X2	3
Header 2X2	Header, 2-Pin, Dual row	J9	HDR2X2	Header 2X2	1
lcd		LCD	LCDV2	lcd	1
LDR	The NSL 19M51 from Advanced Photonix is a CdS photoconductive cell in TO-18 ceramic plasticMaximum light resistance of 100kohm at 10lux Dark resistance of 20Mohm Power dissipation at 25°C is 50mW Voltage rating (peak AC or DC) is 100V Operating temperature range from -60°C to 75°C Spectral peak wavelength of 550nm	LDR	LDR316-8335	LDR	1
led8x8mat		LEDMATRIX 8x8	LED8x8Mat	led8x8mat	1
MIC		MIC	MIC-ARD2-3023	MIC	1
TSW	Tactile Switches 50mA 12VDC, 5.2x5.2mm, 0.8mm H, 260gf, G leads, No ground pin, no actuator PTS526_SK08_SMTR2_LFS	PB1, PB2, PB3, PB4	PTS526SKG15SMTR2LFS	TactileSW	4
pot1k		POT	pot1k	pot1k	1
Header 3	Header, 3-Pin	POW	HDR1X3	Header 3	1
RES1206	Resistor	R1, R2, R3, R4, R5	RES1206-wide	RES1206	5
470	Resistor	R6, R7, R8, R9, R10, R11, R12, R13, R14, R15, R16, R17, R18	RES1206-wide	RES1206	13
1k	Resistor	R19, R20, R21, R22	RES1206-wide	RES1206	4
RTC		RTC	RTCDF1307	RTC	1
MICRO-USB		USBP	MICRO-USB	MICRO-USB	1