

Main Category	Sub Category	Electrow PN	Image	Value	Package	Decription	Ref	Ref Project
		1011545A		120 Ohm	Carbon Film, 0207/10	1/4W, 5%	-	Easy Pulse
		1011645A		220 Ohm	Carbon Film, 0207/10	1/4W, 5%	-	-
		1012545A		680 Ohm	Carbon Film, 0207/10	1/4W, 5%	-	-
		1013045A		1K	Carbon Film, 0207/10	1/4W, 5%	-	-
		1014545A		10K	Carbon Film, 0207/10	1/4W, 5%	-	-
		1015045A		68K	Carbon Film, 0207/10	1/4W, 5%	-	-
		1016045A		470K	Carbon Film, 0207/10	1/4W, 5%	-	-
	SMD	1020100A		0 Ohm	0603	1/10W, 5%	-	-
		1020310A		10 Ohm	0603	1/10W, 5%	-	-
		1020522A		22 Ohm	0603	1/10W, 5%	-	-
		1020868A		68 Ohm	0603	1/10W, 5%	-	-
		1020975A		75 Ohm	0603	1/10W, 5%	-	-
		1021010A		100 Ohm	0603	1/10W, 5%	-	-
		1021430A		300 Ohm	0603	1/10W, 5%	-	-
		1021633A		330 Ohm	0603	1/10W, 5%	-	-
		1021939A		390 Ohm	0603	1/10W, 5%	-	-
		1022147A		470 Ohm	0603	1/10W, 5%	-	-
		1022351A		510 Ohm	0603	1/10W, 5%	-	-
		1022501A		1K	0603	1/10W, 5%	-	-
		1022618A		1.8K	0603	1/10W, 5%	-	-
		1022622B		2.2K	0603	1/10W, 5%	-	-
		1022733A		3.3K	0603	1/10W, 5%	-	-
		1022739B		3.9K	0603	1/10W, 5%	-	-
		1022847A		4.7K	0603	1/10W, 5%	-	-
		1023510A		10K	0603	1/10W, 5%	-	-
		1023627A		27K	0603	1/10W, 5%	-	-
		1023747A		47K	0603	1/10W, 5%	-	-
		10240102A		100K	0603	1/10W, 5%	-	-
		1024510A		1M	0603	1/10W, 5%	-	-
	Resistor Array	1030501A		1K	1206-8	5%, 4 Resistor Array	-	-
		1031047A		4.7K	1206-8	5%, 4 Resistor Array	Digkey:YC164J-4.7KCT-ND	-
		1031510A		10K	1206-8	5%, 4 Resistor Array	Digkey:YC324J-10KTR-ND	-
	Cement Power Resistor	1041005A		0.5 Ohm	R0821	5W	-	-
	Other Resistor	1051010A		10K Potentiometer	-	CERMET 1 TURN 3362P	http://www.tavdaelectronics.com	-
Capacitor	SMD-Ceramic	2010582A		8.2 pF	0603	50V-10%	-	-
		2010822A		22 pF	0603	50V-10%	-	-
		2011027A		27 pF	0603	50V-10%	-	-
		2011233A		33 pF	0603	50V-10%	-	-
		2011501A		1 nF	0603	50V-10%	-	-
		2011847A		4.7 nF	0603	50V-10%	-	-
		2012210A		10 nF	0603	50V-10%	-	-
		2013010A		100 nF	0603	50V-10%	-	-
		2013501A		1 uF	0603	25V-10%	-	-
		2014022A		2.2 uF	0603	25V-10%	-	-
		2014210A		10uF	0603	25V-10%	-	-
		2014547A		4.7 uF	0805	25V-10%	-	-
		2015010A		10 uF	0805	25V-10%	-	-
	SMD-Tantalum	2020510A		10 uF	AVX-A	16V-10%	-	-
		2020822A		22 uF	AVX-B	10V-10%	-	-
		2020822B		22 uF	AVX-C	25V-10%	-	-
		2021247A		47 uF	AVX-B	10V-10%	-	-

		2021810A	-	100 uF	AVX-B	10V-10%	-	-
		2022547A	-	470 uF	AVX-D	6.3V-10%	-	-
	Electrolytic	2030547A	-	4.7uF	DIP 5*11	50V	-	Easy Pulse
		2031047A	-	47 uF	ELECTRO-SMD-C-6MM	25V	-	Uno-SD
		2032010A	-	100 uF	DIP 8*11.5	50V	Digkey:493-1107-ND	CNC Shield
		2032010B	-	100 uF	ELECTRO-SMD-C-6MM	25V	-	Relay Shield
Inductor	Bead	3011012A		BLM18AG121SN1D	-	120 Ohm@100MHz	Digkey:490-1011-1-ND	Relay Shield
	Power	3021047A		SPD3D16-4R7M	-	SMD Power Inductor 4.7uH-20%	-	-
Other Discrete Electronic Device	Diode	4010541A		1N4148WS	SOD323	-	Datasheet	-
		4011040A		1N4007	SMD2010	-	Datasheet	-
		4011554B		SS54B	SMD2010	-	Datasheet	-
		4012058A		1N5819	SMD2010	-	-	-
		4013022A		CESD5V0AP	SMD2010	SMD Diode TVS 6.2V-250mV	Datasheet	Wifi Shield
	Transistor	4020290A		S9013	SOT23	SMD Transistors NPN 25V-500mA	-	-
		4020885A		S8550	SOT23	-	-	-
	MOSFET	4021523A		CJ2302	SOT23	SMD MOSFET N-CH 20V 2.1A	Datasheet	-
		4022023A		CJ2305	SOT23	SMD MOSFET P-CH -8V -4.1A	Datasheet	-
		4030523A		Si2305	SOT23	P-Channel 1.25-W, 1.8-V (G-S) MOSFET	Datasheet	Crowduino
		4031020A		BSN20	SOT23	N-channel TrenchMOS extremely low level FET	Datasheet	-
	LED	4040506A	-	Red	0603	-	-	-
		4040606A	-	Yellow	0603	-	-	-
		4040706A	-	Green	0603	-	-	-
		4040806A	-	Blue	0603	-	-	-
		4041005A	-	Red	DIP 5MM	-	-	-
		4041105A	-	Yellow	DIP 5MM	-	-	-
		4041205A	-	Green	DIP 5MM	-	-	-
		4041305A	-	RGB	DIP 5MM	-	-	-
	Relay	4050503A		3A@120VAC	-	-	-	Relay Shield
		4051010A		10A@120VAC	-	-	-	2-Channel Relay
	Fuse	4060505A		PPTC-500mA	1206	PPTC-500mA	-	Crowduino
		4061010A		PPTC_1000mA	1206	SMD PPTC 1000mA-8V	-	-
	Crystal Oscillator	4070516A		CSTCE16MOV53-R0 16M	SMD	-	-	Uno-SD
		4070616A		CRYSTAL 16MHZ	DIP	-	-	Uno-SD
IC&Module	Power Supply	5010578A		78M05	TO-252	Three-terminal positive voltage regulator 0.5A	Datasheet	Uno-SD
		5011005A		AMS1117-5V	SOT223	1A LOW DROPOUT LINEAR REGULATOR 5V	Datasheet	Crowduino
		5011533A		LD1117-3v3	SOT-89	1A LOW DROPOUT LINEAR REGULATOR 3.3V	Datasheet	Crowduino
		5012029A		MIC29302	TO-263	3A Adjustable REGULATOR	Datasheet	GPRS Shield
		5013097A		ISL97516	ISL97516-MSOP8	600kHz/1.2MHz PWM Step-Up Regulator	Datasheet	Dual Channel H-Bridge
		5014052A		MIC5205	SOT23-5	150mA Low-Noise LDO Regulator	Digkey:576-1259-1-ND	-
	Controller	5020532A		ATMEGA328P-AU	32-TQFP	Atmega Controller	Digkey:ATMEGA328P-AU-ND	Crowduino
		5021012A		ATMEGA168P	32-TQFP	Atmega Controller	Digkey:ATMEGA168-15ATTR-ND	-
		5021516A		ATMEGA16U2	MLF32	Atmega Controller	Digkey:ATMEGA16U2-MURTR-ND	Uno-SD
		5022032A		ATMEGA328P-PU	28-DIP	Atmega Controller	Digkey:ATMEGA328P-PU-ND	-
	Amplifier	5030535A		LMV358	S008	IC OPAMP GP 700KHZ DUAL	Digkey:296-1014-1-ND	Uno-SD
		5031032A		LMV324IDR	14-SOIC	IC OPAMP GP R-R 1MHZ QUAD	Digkey:296-9569-1-ND	-
		5032038A		LM386M-1	SOIC-8	IC AMP AUDIO PWR .325W AB	Digkey:LM386M-1-ND	-
		5033012A		74VHC125PW	TSSOP14	IC BUFFER/LINE DVR QUAD 14TSSOP	Digkey:568-5168-1-ND	NFC Shield
	Communication	5040523A		FT232	28-SSOP	IC USB FS SERIAL UART	Digkey:768-1007-2-ND	Crowduino
		5041011A		HX1198NL	SOIC16-9.53	10/100BASE-T SINGLE PORT	Datasheet	Ethernet Shield
		5041152A		W5200	QFN48	TCP/IP Ethernet controller	Datasheet	Ethernet Shield
		5041517A		RN171	SMD-47	WiFi GSX 802.11 b/g Wireless LAN Module	Mouser:765-RN-171	Wifi Shield
		5042090A		Sim900	-	4 Band GPRS/GSM Module	http://www.sim.com/product.aspx?	GPRS Shield
		5042560A		NEO-6 GPS Module	-	GPS Module	Datasheet	GPS Shield

		5043029A		L298P	PowerSO-20	IC DRIVER FULL DUAL	Datasheet	Motor& Stepper Shield
Connector	Power	6010544A		-	Jack DC-044-A	Lower Height	-	Crowduino
		6011021A		-	CONN POWER JACK 2.1MM	Arduino-Uno Alike	Digkey: CP-002A-ND	Relay Shield
	Communication	6020522A		Mini USB Strong Con	SMD+DIP	-	-	Crowduino
		6020522B		Mini USB Strong Con	SMD	-	Digkey:ED2992TR-ND	Nano 328
		6020723A		Female USB connecto	DIP	-	-	Lipo charger
		6020723B		Female USB connecto	DIP	-	digkey:1175-1016-ND	-
		6020800A		micro USB connector	SMD	-	-	Pro micro
		6021031A		U-FL Connectr	-	Antenna Connector	-	GPS Shield
		6021533A		SMA-T0-IPX Connecto	TH	Antenna Connector	-	GPS Shield
		6021821A		Side SD Card Socket	-	-	-	SD Shield
		6021922A		SD Socket-8P-SMD	-	-	-	Uno-SD
		6022208A		AUDIO-Connector	8P-SMD	Audio Connector for 3 Signals	-	GPRS Shield
	Common	6030516A		1x6 female	1x6P-2.54	-	-	Crowduino
		6030618A		1x8 female	1x8P-2.54	-	-	Crowduino
		6030723A		2x3 female	2x3P-2.54	-	-	-
		6030916A		1xN male	1x nP-2.54	n: 1~40	-	Motor Shield
		6031123A		2x3 male	2x 3P-2.54	-	-	Crowduino
		6031516A		Long 1x6	2.54	Longer Pin	-	Ethernet Shield
		6031618A		Long 1x8	2.54	Longer Pin	-	Ethernet Shield
		6031723A		Long 2x3	2.54	Longer Pin	-	Ethernet Shield
		6032011A		SMD Pin 1 x n	2.54	n: 1~40	-	-
		6032502A		2 Pin Screw Small	JST-3.36	-	-	Motor& Stepper Shield
		6032602A		2 Pin Screw Large	JST-5.0	-	-	Dual Channel H-Bridge
		6032703A		3 Pin Screw Large	JST-5.0	-	-	Dual Channel H-Bridge
		6033504A		4 pin 2.54 DIP	-	-	-	Sensor Node
		6034003A		3 or 4 pin 2.54	-	-	-	Soil Moisture Sensor
Switch&Button	Switch	7010523A		2x3 DIP Switch	JST2.54 x 3.0	-	-	Crowduino
		7010623A		2x3 lock Switch 5.8	JST 2.0 x 4.0	-	-	Motor& Stepper Shield
		7011004A		4-DIP Switch	JST 2.54 x 8	-	-	Relay Shield
	Button	7020644A		6x6 DIP Button	-	-	-	CNC Shield
		7020890A		90 DIP Button	2.54-2p	-	-	All Elecrow Shield
		7021066A		6x6 SMDButton	4P-SMD-6.2X6.2X4H	-	-	Xbee Shield
Others		8000122A		Battery Holder	OLDER-BATTERY-2P-CR12 For CR1220 3V Battery	-	-	GPRS Shield
		8000222A		Jumper	2.54 Jumper	-	-	GPRS Shield