Part	ID	Value	Description	Farnell Part No
Microprocessor	ARDUINO1	Nano	Arduino Nano	1813414
Capacitors	C1	1000uf, 50V	Electrolytic	1219484
	C2	0.1uf	Ceramic	1600876
	C3	0.1uf	Ceramic	1600876
	C4	470uf	Electrolytic	1219470
	C5	1000uf	Electrolytic	1219471
	C6	0.1uf	Ceramic	1600876
	C7	0.1uf	Ceramic	1600876
	C8	100uf	Electrolytic	1219466
Connectors	CON-A	6 Way Screw Terminal		151792
Diodes	D1	20V, 500W	TVS	1578786
	D2	5.1V, 1.3W	Zenner	1612363
	D3	1N4004	General Purpose	9565027
	D4	1N4004	General Purpose	9565027
IC's	IC1	LM2940T-5	5V Regulator	9490205
	IC2	LM2940T-10	10V Regulator	9493522
Inductor	L1	40uH	Inductor	9753354
Optocouplers	OK1	4N35		1612453
	OK2	4N35		1612453
	OK3	4N35		1612453
Transistors	Q1	BC547B	NPN General Purpose	1467871
Resistors	R1	47R		9468510
	R2	22R		9466126
	R3	330R		9467327
	R4	330R		9467327
	R5	330R		9467327
	R6	2K2		9466711
	R7	330R		9467327
	R8	330R		9467327
LEDs	Red			1716701
	Yellow			1716699
Enclosure				1829808
6 Way Socket	Housing			1347637
	Pins			3841390
6 Way Plug	Housing			3840943
	Pins			3841406
Usb Socket	Housing / Socket			1229687
	Sealing Cap			8406642
6 Way DIL socket		3 required		1077343
Arduino Socket	36 Way	2 x 15 way required, cut to suit		9728856