Hardware List for CG3002

- All items must be returned to the laboratory on the day of the presentation.

- User needs to replace or pay for any item lost (item marked with #)

Part I Item List

Category	No.	Description of Item	Qty	
Main Tools	1.	Plastic Box #	1	
	2.	Screwdriver #	1	
	3.	Electronic Cutter #	1	
	4.	Tweezers #	1	
Cable	5.	RTG cable #	1	
	6.	Part I PCB #	1	
	7.	PCB Copper Stands	8	
Headers & Sockets (solder type)	8.	I.C. Sockets 40pins	2	
	9.	I.C. Sockets 28 pins	2	
	10.	I.C. Sockets 20 pins	1	
	11.	PLCC 68 pins sockets	1	
	12.	Power Socket	1	
	13.	Jumper Socket	2	
	14.	SIL 3 ways straight headers for jumper sockets	2	
	15.	SIL 3 ways Molex straight headers (white)	1	
	16.	SIL 32 ways turned-pin sockets (for LEDs)	1	
	17.	Pushbutton switch	2	
	18.	Voltage Regulator 7805	1	
	19.	Crystal 16 MHz	1	
I.C.s	20.	IC 74HC573	1	
	21.	Static Ram 6264LP-10	1	
	22.	EPROM 2764-15	2	
	23.	80C188XL20 Microprocessor (limit to 3 pieces only)	1	
	24.	TI 16C450N UART	1	
	25.	8255 I/O Controller	1	
Capacitors	26.	SMD Capacitor 27pf	2	
	27.	SMD Capacitor 0.1uf	11+ 4	
	28.	Electrolytic Capacitor 47uf	1	
	29.	Electrolytic Capacitor 330uf	1	
Resistors	30.	SMD Resistor 100ohms	2	
	31.	SMD Resistor 2.2Kohm	9	
	32.	SMD Resistor 2.7Kohm	1	
	33.	SMD Resistor 10Kohm	5	
Transistors	34.	Transistor BC327	1	
	35.	Transistor BC337	1	
Diodes	36.	Diode IN4148	1	
	37.	LED, 5mm diameter, Red	1	
	38.	LED, 5mm diameter, Yellow	4	
	39.	LED, 5mm diameter, Green	4	

Part II Item List			
Part II Tool	40.	Wire-wrap/Unwrap/Strip Tool #	1	
	41.	Wire-wrap Board # (SYNTAX)	1	
	42.	Wire-wrapping ID Labels	1 sheet	
Connecting cables	43.	40 ways Ribbon IDC Connector cable	1	
	44.	26 ways Ribbon IDC Connecting cable	1	
Headers & Sockets (Wire-wrap)	45.	Wire-wrap DIL 40 ways Header	2	
	46.	Wire-wrap SIL 40 ways Header	4	
	47.	Wire-wrap SIL 32 ways Sockets	4	