

SYSC3203 Lab Kits – Bill of Materials (BOM)

Your kit should contain the following components – please take some time during the first session to check the contents and report any discrepancies to your instructor. Please ask if you need help identifying any of the components.

You will be responsible for returning the complete kits at the end of the term.

Active Components

Qty.	Description
1	LT1011CN8#PBF-ND IC VOLTAGE COMPARATOR 5V 8-DIP
1	LM555CN/NOPB-ND IC OSC SINGLE TIMER 3MHZ 8-DIP
4*	OP97FPZ-ND IC OPAMP GP 900KHZ 8-DIP
1*	OP297FPZ-ND IC DUAL OPAMP GP 500KHZ 8-DIP
1	AD620ANZ-ND IC OPAMP INSTR 1MHZ 8-DIP
1	425-2782-5-ND OPTOISOLATOR 5KV TRANSISTOR 4-DIP
1	374-1322-ND RELAY REED SPST 0.5A 3V
1	987-1088-ND TRIMMER 10K OHM 0.5W TH
3	568-1260-1-ND DIODE SMALL SIG 100V 0.2A ALF2

* or equivalent – for example 2 x OP297 + 1 x OP97

Miscellaneous Components

1	solderless breadboard
3	2AA battery holders
3	electrode wires
3	extenders for electrode wires
1	computer mouse

Equipment

1 pr.	wire cutters and strippers
1	miniature potentiometer, trimmer adjustment tool