## **RM3115 Component List**

## Notes:

- 1. You can get the components during normal ELEC3300 lab. session. You are supposed to buy most of the components from stores by yourselves, so you are just allowed to get a few of them from the lab.
- 2. The cost of components will be deducted from your project budget (HKD250/group).

Description	Unit Price (HKD)
74LS (simple logic, counter) (may be used)	3
ULN2003 (driver IC, max. 0.5A/channel)	2
L293D Driver (driver IC, max. 0.6A/channel, max. power 5W)	15
TC232, MAX232 (RS232 Driver/Receiver)	10
LM1458, LM324 (Op-amp)	3
555 (Timer IC)	3
PN2222(npn), 9012(pnp) transistor	1
7805 (max. 1A)	2
Resistor, 1/4W, 5%	0.1
Variable Resistor, single turn (10K, 25K, 50K)	4
Resister network, 9 pins (330, 1K, 10K)	1
Ceramic capacitor	0.1
Electrolytic/Tantalum capacitor	1
LED Red 3mm	0.2
LED bar, 10 ways, Red	8
Pin header 40 x 1	1
IC socket (flat pin)	0.5
Diode (1N4148, IN4004)	0.5
Switch	3
Tact SW	1
ZTB455E 455K resonator	3
IR Emitting diode EL-1L7	2
IR Rx module KSM-603LM (5V)	6
HT12A IR encoder / HT12D IR decoder	6
wire (6/8 cores, for proto-board)	1/ft