| Course | TEJ4M | | Royal St. George's College |
|---|---|---|---|
| | | Kit Name: | AVR Optimization |
| Year | Quantity | Line # | Part |
| 2020 | 3 | 1 | ABRA-48 Breadboard-3220 Tie Points |
| 2020 | 1 | 2 | HOOK-UP WIRE SPOOL SET |
| 2020 | 1 | 3 | Arduino Nano Compatible v3 ATMEGA328P |
| 2024 | 1 | 4 | ABX00083, Arduino Nano ESP32 with Headers |
| 2024 | 1 | 5 | 1LB Solder Roll .031" (0.8mm) diameter |
| 2020 | 1 | 6 | ALU:74LS181 |
| 2020 | 2 | 7 | EEPROM:AT28C16 |
| 2020 | 2 | 8 | (Logic) NAND:74LS00 |
| 2020 | 2 | 9 | (Logic) NOT:74LS04 (Inverter for RAM) |
| 2020 | 2 | 10 | (Logic) AND:74LS08 (Branch Control) |
| 2020 | 2 | 11 | (Logic) OR: 74LS32 (Clock) |
| 2020 | 1 | 12 | MUX/SEL: 74LS157 |
| 2020 | 1 | 13 | PC: 74LS161 |
| 2020 | 1 | 14 | ADDRESS: 74LS174 |
| 2020 | 1 | 15 | ACCUM: 74LS377 |
| 2020 | 1 | 16 | RAM: 74189 |
| 2020 | 4 | 17 | Clock: LM555 |
| 2020 | 6 | 18 | Clock: Momentary Tactile Button (12mm) |
| 2025 | 1 | 19 | CD4018 Divide-By-N Counter |
| 2020 | **1** | 20 | Clock: 0.1uF Capacitor |
| 2020 | 4 | 21 | Clock: 1uF Capacitor |
| 2020 | 4 | 22 | Clock: SPDT Slide Switch |
| 2020 | 20 | 23 | LED 3mm: Red |
| 2020 | 20 | 24 | LED 3mm: Amber |
| 2020 | 20 | 25 | LED 3mm: Green |

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| **Code/Note** |
| ABRA-48 |
| 22HW-25-KIT |
| ARD-NANO |
| ABX00083 |
| S031 |
| 74LS181 |
| 28C16A-15 |
| 74LS00 |
| 74LS04 |
| 74LS08 |
| 74LS32 |
| 74LS157 |
| 74LS161 |
| 74LS174 |
| 74LS377 |
| 74189 |
| LM555 |
| PBS-190 |
| 4018 |
| 753-ADA |
| 1R50 |
| SSW-120-BB |
| LED-3R |
| LED-3A |
| LED-3G |