



BOQ for PC MB

By:

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Dr. Ahmed ElShafee, ACUFOE : Spring 2020, ECE404
Microprocessors Design and Interfacing

- 1 - 8284A,
- 1 – 12, 15, 24MHz crystal
- 1 - 8088-2 or 8088
- 2 - 74LS244N
- 2 - 74LS245N
- 4 - 74LS373N /74LS573N
- 2 - 74LS138N
- 2 - 74LS04N
- 2 - 74LS64N
- 2 - 8255A
- 2 - Ram, 2k to 512k (6264)
- 2 - Rom, 2k to 512k (28c64)
- 4 - 89s52
- 4 - ATF16V8CZ
- * **TL866 II Plus Universal USB Programmer With ICSP**

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- 8284A
 - <https://makerselectronics.com/product/8284a-ic-clock->



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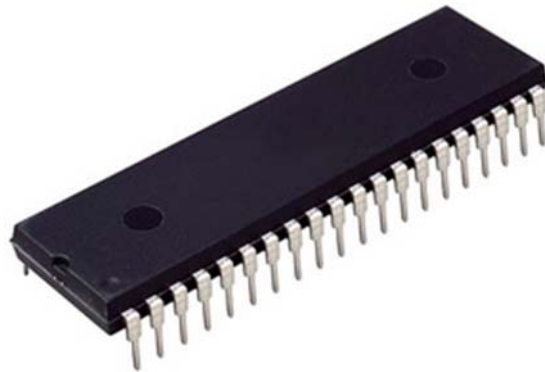
14 Microprocessors Design and

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- 11.0592, 24mHz crystal
 - <https://makerselectronics.com/product/crystal-11-0592-mhz>
 - <https://makerselectronics.com/product/crystal-24-000-mhz>



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- 8088-2
 - <https://makerselectronics.com/product/8088-ic-8-bit-hmos-microprocessor>



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Dr. Ahr

Interfacing

Design and

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- 74LS244N
 - <https://www.gs.com.eg/product/1739688/679-AAGA/texas-instruments/SN74LS244N/ic-buff-dvr-tri-st-octal-20dip>



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- 74LS245N
 - <https://www.gs.com.eg/product/1106085/106-AAGA/texas-instruments/SN74LS245N-/ic-74ls-74ls245-dip20-5.25v>



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- 74LS373N/74LS573N
 - <https://www.gs.com.eg/product/3120736/490-AAGF/texas-instruments/SN74LS373N/ic-d-type-latch-decoder-demux-20dip>



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- 74LS138N
 - <https://makerselectronics.com/product/74138-ic>
 - <https://www.gs.com.eg/product/1739824/50-AAGD/texas-instruments/SN74LS138N/logic-3-8-line-decoder-demux-16dip>



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- 74LS04N
 - <https://makerselectronics.com/product/7404-ic>
 - <https://www.gs.com.eg/product/1106072/225-AAGB/texas-instruments/SN74LS04N-/ic-hex-inverter-74Iso4-14dip>



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- 74LS64N

- <https://www.gs.com.eg/product/1470940/406-AAGA/texas-instruments/SN74LS640N/ic-bus-transceiver>



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- 6264

- <https://www.gs.com.eg/product/2253656/201-AALA/lyontek/LY62256PL-55LLI/sram-256k-32kx8-2.7-5.5v-28pdip>



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- 28c64
 - <https://www.gs.com.eg/product/2748830/1035-AALB/atmel/AT28C64B-15PU/parallel-EEPROM-64kbit-dip-28>



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- 89s52
 - <https://www.gs.com.eg/product/1095743/122-AAHA/microchip/AT89S52-24PU/mcu-8bit-8051-24mhz-dip-40>

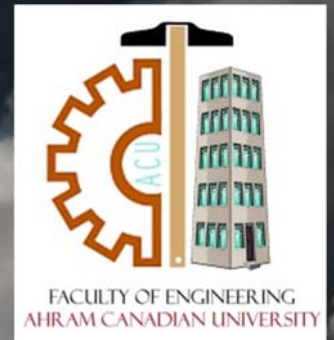


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- ATF16V8CZ
 - <https://www.gs.com.eg/product/1551768/2-AAUC/microchip/ATF16V8CZ-15PU/eepld-250-gate-zero-power-dip20>



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- * **TL866 II Plus Universal USB Programmer With ICSP**
 - <https://ram-e-shop.com/product/tl866-ii-plus-universal-usb-programmer-with-icsp/>





Thanks,..

See you next week isA,..

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