

Project :

GCM

V5.0

Author : Guillaume Guillet

Revision 1

Licensed under CERN-OHL-W v2 or later

| Type | Value | Q | References | Package | Manufacturer | Store | Store ID | Unit price* | Price |
|-----------|---------------------------|-----------|---------------------------------|---------------------------------|-------------------|--------|----------------------|-------------|-------|
| C | 10nF | 53 | C1 to C3, C5 to C10, C12 to C55 | C_0805_2012Metric | KEMET | Mouser | 80-C0805C103J5R | 0.032 | 1.696 |
| | 100nF | 2 | C4, C11 | C_1206_3216Metric | KEMET | Mouser | 80-C1206X104J3JAUTO | 0.778 | 1.556 |
| X1 | ECS-2200BX-500 | 1 | X1 | Oscillator_DIP-8 | ECS | Mouser | 520-2200BX-500 | 3 | 3 |
| U | 74AHC273 | 6 | U4, U32, U40, U42 to U44 | SOIC-20W_7.5x12.8mm_Pitch1.27mm | Texas Instruments | Mouser | 595-SN74AHC273DWR | 0.403 | 2.418 |
| | LM810 | 1 | U1 | SOT-23-3 | Texas Instruments | Mouser | 926-LM810M3463NOPB | 0.696 | 0.696 |
| | LTC6994-1 | 1 | U2 | SOT-23-6 | Analog Devices | Mouser | 584-C6994IS6-1TRMPBF | 3.65 | 3.65 |
| | CD74AC161M | 6 | U13, U14, U16, U17, U19, U20 | SOP-16_3.9x9.9mm_P1.27mm | Texas Instruments | Mouser | 595-CD74AC161M | 0.751 | 4.506 |
| | CD74AC151 | 6 | U28, U29, U31, U35 to U37 | SOP-16_3.9x9.9mm_P1.27mm | Texas Instruments | Mouser | 595-CD74AC151M96 | 0.823 | 4.938 |
| | SN74LV393A | 4 | U26, U27, U33, U34 | SOIC-14_3.9x8.7mm_P1.27mm | Texas Instruments | Mouser | 595-SN74LV393ADR | 0.796 | 3.184 |
| | CD74AC238 | 1 | U6 | SOP-16_3.9x9.9mm_P1.27mm | Texas Instruments | Mouser | 595-CD74AC238M96 | 0.549 | 0.549 |
| | 74AHC244 | 3 | U8, U9, U12 | SOIC-20W_7.5x12.8mm_Pitch1.27mm | Texas Instruments | Mouser | 595-SN74AHC244DWR | 0.448 | 1.344 |
| | 74AHCT244 | 1 | U21 | SOIC-20W_7.5x12.8mm_Pitch1.27mm | Texas Instruments | Mouser | 595-SN74AHCT244DWR | 0.448 | 0.448 |
| | 74AHC138 | 1 | U7 | SOIC-16W_5.3x10.2mm_P1.27mm | Texas Instruments | Mouser | 595-SN74AHC138NSR | 0.494 | 0.494 |
| | 74AHC1G04 | 6 | U5, U11, U18, U28, U39, U41 | SOT-23-5 | Texas Instruments | Mouser | 595-SN74AHC1G04DBVR | 0.266 | 1.596 |
| | 74AHCT1G04 | 1 | U15 | SOT-23-5 | Texas Instruments | Mouser | 595-SN74AHCT1G04DBVR | 0.311 | 0.311 |
| | 74AHC1G32 | 3 | U3, U25, U30 | SOT-23-5 | Texas Instruments | Mouser | 595-SN74AHC1G32DBVR | 0.266 | 0.798 |
| | 74LVC1G74 | 1 | U10 | SM-8 | Texas Instruments | Mouser | 595-SN74LVC1G74DCTR | 0.604 | 0.604 |
| | 74CBTLV16212 | 3 | U22 to U24 | TSSOP-56 | Texas Instruments | Mouser | 595-SN74CBTLV16212GR | 2.03 | 6.09 |
| R | 523k | 1 | R1 | R_0805_2012Metric | Panasonic | Mouser | 667-ERJ-PB6D5233V | 0.256 | 0.256 |
| | 1M | 1 | R2 | R_0805_2012Metric | Panasonic | Mouser | 667-ERJ-6RED1004V | 0.192 | 0.192 |
| | 305k | 1 | R3 | R_0805_2012Metric | Panasonic | Mouser | 667-ERA-6AED3093V | 0.229 | 0.229 |
| | 10k | 3 | R4 to R6 | R_0805_2012Metric | Yageo | Mouser | 603-RT0805FRE0710KL | 0.11 | 0.33 |
| RN | 8x10k | 3 | RN1 to RN3 | R_Array_SIP9 | Bourns | Mouser | 652-4609X-1LF-10K | 0.247 | 0.741 |
| J | TE_Eurocard_96pole | 1 | J6 | Eurocard_5650473-5 Receptacle | TE connectivity | Mouser | 571-5650461-5 | 5.38 | 5.38 |
| | Nano-Fit power connectors | 1 | J1 | Molex_1053102116 | Molex | Mouser | 538-105310-1108 | 1.6 | 1.6 |
| | 5530843-2 | 2 | J8, J11 | TE_5530843-2 | TE connectivity | Mouser | 571-5530843-2 | 2.33 | 4.66 |
| | 5-5530843-4 | 4 | J2 to J5 | 5-5530843-4 | TE connectivity | Mouser | 571-5-5530843-4 | 2.84 | 11.36 |

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| | 3-641124-6 | 1 | J7 | 3-641124-6 | TE connectivity | Mouser | 571-3-641124-6 | 1.36 | 1.36 |
| | Header10p | 2 | J10, J13 | Header_10p_2.54 | Würth Electronics | Mouser | 710-61201021621 | 0.411 | 0.822 |
| | Conn_01x02_Male | 1 | J9 | PinHeader_1x02_P2.54mm_Vertical | TE connectivity | Mouser | 571-6404524 | 0.458 | 0.458 |
| | Conn_02x21_Male | 1 | J12 | PinHeader_2x21_P2.54mm_Vertical | TE connectivity | Mouser | 571-9-146258-0 | 3.22 | 3.22 |
| - | PCB_GCM_V5.0 | 1 | - | - | G.Guillet | - | | | 0 |

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| Total price : | 68.486 |
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*Depend of the quantity Price is in CHF