

**PRICE LIST**  
 Valid from 10 - January 2012  
 International Rev. 1.01

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NAME	TYPE	13 C P U - Grifo Analog BLOCK TYPE	Price EURO
GAB H844		Grifo Analog BLOCK Housing, 8 Analog, 4 Opto-In; 4 Relay; Switch.	<b>165,02</b>
Option	.RS422	OPTION RS 422 -----> ADD ----->	<b>15,34</b>
Option	.RS485	OPTION RS 485 -----> ADD ----->	<b>9,02</b>
Option	.CLOOP	OPTION CURRENT LOOP -----> ADD ----->	<b>33,37</b>
EL 12		External Power Supply: 230Vac; Output: 12Vac 800 mA	<b>15,89</b>

NAME	TYPE	14 C P U - Grifo Mini BLOCK TYPE	Price EURO
<b>GMB HR84</b>		Grifo Mini BLOCK Housing, 8 Opto-In; 4 Relay; Switch.	<b>139,69</b>
<i>Option</i>	<b>.RS422</b>	OPTION RS 422 -----> ADD ----->	<b>15,34</b>
<i>Option</i>	<b>.RS485</b>	OPTION RS 485 -----> ADD ----->	<b>9,02</b>
<i>Option</i>	<b>.CLOOP</b>	OPTION CURRENT LOOP -----> ADD ----->	<b>33,37</b>
<b>EL 12</b>		External Power Supply: 230Vac; Output: 12Vac 800 mA	<b>15,89</b>
<b>GMB HR168</b>		Grifo Mini BLOCK Housing, 16 Opto-In; 8 Relay; Switch.	<b>199,06</b>
<b>GMB HR168.RTC</b>		Grifo Mini BLOCK Housing, RTC+Lithium; 16 Opto-In; 8 Relay; Switch.	<b>212,34</b>
<i>Option</i>	<b>.RS422</b>	OPTION RS 422 -----> ADD ----->	<b>15,34</b>
<i>Option</i>	<b>.RS485</b>	OPTION RS 485 -----> ADD ----->	<b>9,02</b>
<i>Option</i>	<b>.CLOOP</b>	OPTION CURRENT LOOP -----> ADD ----->	<b>33,37</b>
<b>EL 12</b>		External Power Supply: 230Vac; Output: 12Vac 800 mA	<b>15,89</b>
<b>GMB HR246</b>		Grifo Mini BLOCK Housing, 24 Opto-In; 16 Relay; Switch.	<b>274,15</b>
<b>GMB HR246.RTC</b>		Grifo Mini BLOCK Housing, RTC+Lithium; 24 Opto-In; 16 Relay; Switch.	<b>288,12</b>
<i>Option</i>	<b>.RS422</b>	OPTION RS 422 -----> ADD ----->	<b>15,34</b>
<i>Option</i>	<b>.RS485</b>	OPTION RS 485 -----> ADD ----->	<b>9,02</b>
<i>Option</i>	<b>.CLOOP</b>	OPTION CURRENT LOOP -----> ADD ----->	<b>33,37</b>
<b>EL 12</b>		External Power Supply: 230Vac; Output: 12Vac 800 mA	<b>15,89</b>
<b>EL 15Vdc</b>		External Power Supply: 230Vac; Output: 15Vdc 660 mA	<b>26,2</b>

NAME	TYPE	15 C P U - QG TYPE	Price EURO
<b>QTP 12-C2/R84</b>		QTP 12 keys LCD 2x20 characters; 8 Opto-In; 4 Relay; 1 LED; 1 RS232	<b>327,06</b>
<b>QTP 12-F2/R84</b>		QTP 12 keys Fluorescent 2x20 characters; 8 Opto-In; 4 Relay; 1 LED;	<b>387,65</b>
<b>QTP 12-GF2/R84</b>		QTP 12 keys Fluorescent 140x16 Pixels; 8 Opto-In; 4 Relay; 1 LED; 1	<b>401,62</b>
<b>QTP 12-GF4/R84</b>		QTP 12 keys Fluorescent 160x32 Pixels; 8 Opto-In; 4 Relay; 1 LED; 1	<b>412,09</b>
<b>QTP 12/R84.LIB</b>		QTP 12 Library Firmware	<b>117</b>
<b>KEY-12</b>		Keyboard Panel for QTP 12	<b>61,12</b>
<i>Option</i>	<b>.RS422</b>	OPTION RS 422 -----> ADD ----->	<b>15,34</b>
<i>Option</i>	<b>.RS485</b>	OPTION RS 485 -----> ADD ----->	<b>9,02</b>
<i>Option</i>	<b>.CLOOP</b>	OPTION CURRENT LOOP -----> ADD ----->	<b>33,37</b>
<i>Option</i>	<b>.CAN</b>	OPTION CAN LINES -----> ADD ----->	<b>37,88</b>
<b>EXPS-2</b>		External Power Supply: 230Vac; Output: 24Vdc 200mA; 18Vac 300 mA	<b>45,09</b>
<b>QTP 16Big-C4</b>		Quick Terminal Panel 16 keys LCD Big 4x20 characters; 5 LEDs 1 RS232	<b>363,43</b>
<b>QTP 16Big-C4.RTC</b>		QTP 16 keys LCD Big 4x20 characters; 3 Relay; 5 LEDs; RTC; 1 RS232	<b>392,29</b>
<b>QTP 16Big-F4</b>		Quick Terminal Panel 16 keys Fluorescent Big 4x20 characters; 5 LEDs	<b>464,45</b>
<b>QTP 16Big-F4.RTC</b>		QTP 16 keys Fluorescent Big 4x20 characters; 3 Relay; 5 LEDs; RTC;	<b>482,46</b>
<b>QTP 16Big.LIB</b>		QTP 16Big Library Firmware	<b>113,62</b>
<b>KEY-16Big</b>		Keyboard Panel for QTP 16Big	<b>110,02</b>
<b>Option.ALIM</b>	<b>O E M</b>	OPTION POWER SUPPLY - DEDUCT ->----->	<b>31,57</b>
<i>Option</i>	<b>.EE-512</b>	OPTION EEPROM Seriale 24FC512	<b>22</b>
<i>Option</i>	<b>.RS422</b>	OPTION RS 422 -----> ADD ----->	<b>15,34</b>
<i>Option</i>	<b>.RS485</b>	OPTION RS 485 -----> ADD ----->	<b>9,02</b>
<i>Option</i>	<b>.CLOOP</b>	OPTION CURRENT LOOP -----> ADD ----->	<b>33,37</b>
<i>Option</i>	<b>.CAN</b>	OPTION CAN LINES -----> ADD ----->	<b>37,88</b>
<b>EL 12</b>		External Power Supply: 230Vac; Output: 12Vac 800 mA	<b>15,89</b>
<b>EL 15Vdc</b>		External Power Supply: 230Vac; Output: 15Vdc 660 mA	<b>26,2</b>

NAME	TYPE	16 CPU - CAN Grifo Mini Module	Price EURO
<b>CORE - 8051</b>			
CAN GM Zero		CAN Grifo iniModule Zero; Boot Loader UART; Atmel T89C51CC03 64K	155,42
CAN GM Zero.20MHz	O E M	CAN GM Zero; 20MHz; Atmel T89C51CC03 64K, A/D, I/O, RTC+CAN+R	155,42
CAN GM Zero.CAN	O E M	CAN GM Zero; Boot Loader CAN; Atmel T89C51CC03 64K, A/D, I/O, RT	155,42
CAN GM1		CAN Grifo MiniModule 1; Boot Loader UART; Atmel T89C51CC01 32K, /	137,95
CAN GM1.20MHz	O E M	CAN GM1; 20MHz; Atmel T89C51CC01 32K, A/D, I/O, RTC+CAN+RS23	137,95
CAN GM1.CAN	O E M	CAN GM1; Boot Loader CAN; Atmel T89C51CC01 32K, A/D, I/O, RTC+C	137,95
CAN GM2		CAN Grifo MiniModule 2; Boot Loader UART; Atmel T89C51CC02 16K, /	108,26
CAN GM2.20MHz	O E M	CAN GM2; 20MHz; ; Atmel T89C51CC02 16K, A/D, I/O, RTC+CAN+RS2	108,26
CAN GM2.CAN	O E M	CAN GM2; Boot Loader CAN; ; Atmel T89C51CC02 16K, A/D, I/O, RTC-	108,26
CAN GMT EL 12		CAN Grifo MiniModule TEST for CAN GM0, CAN GM1, GMM 5115, etc. External Power Supply: 230Vac; Output: 12Vac 800 mA	55,88 15,89
<b>CORE - AVR</b>			
CAN AVR		CAN Grifo MiniModule AVR; Atmel AT90CAN128 128K, A/D, I/O, RTC+C	146,68
CAN GMT EL 12		CAN Grifo MiniModule TEST for CAN GM0, CAN GM1, GMM 5115, etc. External Power Supply: 230Vac; Output: 12Vac 800 mA	55,88 15,89
<b>CORE - PIC</b>			
CANPIC		CAN Grifo MiniModule PIC; Microchip PIC 18F4680 64K, A/D, I/O, RTC+C	151,92
CAN GMT EL 12		CAN Grifo MiniModule TEST for CAN GM0, CAN GM1, GMM 5115, etc. External Power Supply: 230Vac; Output: 12Vac 800 mA	55,88 15,89
NAME	TYPE	17 CPU - Grifo Mini Module TYPE	Price EURO
<b>CORE - 8051</b>			
<b>40 Pin</b>			
GMM ACB Zero		Grifo Mini Module ACB Zero; 40 pin, Atmel AT89C51CC03 64K, 64K ex	123,11
GMM MSC1210		Grifo Mini Module MSC1210; 40 pin, Burr Brown MSC1210 32K, RTC, 6	178,98
GMM ACB		Grifo Mini Module ACB; 40 pin, Atmel AT89C51AC2 32K, 64K ext. RAM	105,65
<b>28 Pin</b>			
GMM F346		Grifo Mini Module F346; 28 pin, Silicon Lab. C8051F346 64K, RTC, 22 I	109,14
GMM 518 Zero		Grifo Mini Module 518 Zero; 28 pin, Atmel T89CC03 64K, 23 I/O, A/D,	88,18

<b>GMM 518</b>	Grifo Mini Module 518; 28 pin, Atmel T89C AC2 32K, 23 I/O, A/D, RS2	<b>74,22</b>
<b>GMM 5115</b>	Grifo Mini Module 5115; 28 pin, Atmel T89C5115 16K, 18 I/O, A/D, RS	<b>75,95</b>
<b>GMM TST3 EL 12</b>	Grifo Mini Module TEST 3 for GMM 518, GMM AM08, GMM AM32, etc. External Power Supply: 230Vac; Output: 12Vac 800 mA	<b>95,17 15,89</b>

**CORE - ARM7****40 Pin**

<b>GMM ARM</b>	Grifo Mini Module ARM7; 40 pin, Philips xxx, RTC, 2 RS232	<b>0</b>
<b>GMM TST3 EL 12</b>	Grifo Mini Module TEST 3 for GMM 518, GMM AM08, GMM AM32, etc. External Power Supply: 230Vac; Output: 12Vac 800 mA	<b>95,17 15,89</b>

**CORE - AVR****40 Pin**

<b>GMM AM128</b>	Grifo Mini Module AM128; 40 pin, Atmel AM mega 128L, 128K, 36 I/O,	<b>148,43</b>
<b>GMM AM1284</b>	Grifo Mini Module AM644; 40 pin, Atmel AM mega 1284P, 128K, 32 I/C	<b>134,46</b>
<b>GMM AM644</b>	Grifo Mini Module AM644; 40 pin, Atmel AM mega 644P, 64K, 32 I/O, A	<b>126,6</b>
<b>GMM AM32</b>	Grifo Mini Module AM32; 40 pin, Atmel AM mega 32L, 32K, 32 I/O, A/D	<b>96,05</b>

**28 Pin**

<b>GMM AM08</b>	Grifo Mini Module AM08; 28 pin, Atmel AM mega 8L, 8K, 23 I/O, RS232	<b>48,89</b>
<b>GMM AM328</b>	Grifo Mini Module AM328; 28 pin, Atmel AM mega 328, 32K, 23 I/O, R	<b>63,74</b>
<b>GMM TST3 EL 12</b>	Grifo Mini Module TEST 3 for GMM 518, GMM AM08, GMM AM32, etc. External Power Supply: 230Vac; Output: 12Vac 800 mA	<b>95,17 15,89</b>

**CORE - PIC****40 Pin**

<b>GMM 4620</b>	Grifo Mini Module 4620; Microchip PIC 18F4620 64K, A/D, I/O, RTC+RS	<b>110,02</b>
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**28 Pin**

<b>GMM 876</b>	Grifo Mini Module 876; Microchip PIC 16F876A 14K, A/D, I/O, +RS232	<b>55,88</b>
<b>GMM 886</b>	Grifo Mini Module 886; Microchip PIC 16F876A 14K, A/D, I/O, +RS232	<b>48,89</b>
<b>GMPIC-PR</b>	Grifo Mini Module PIC Programmer; ISP; MPLAB.	<b>47,15</b>
<b>GMM TST3 EL 12</b>	Grifo Mini Module TEST 3 for GMM 518, GMM AM08, GMM AM32, etc. External Power Supply: 230Vac; Output: 12Vac 800 mA	<b>95,17 15,89</b>