

**GCA\_PI02**

32 I/O ports for Raspberry Pi.

Giling Computer Applications  
In cooperation with Rocrail

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Qty	Reference	Description
1	R1	Resistor 470 Ohm 1/8 Watt
4	R2..R5	Resistor 2.2 Kohm 1/8 Watt
2	R6,R7	Resistor 3.3 KOhm 1/8 Watt
4	RP1..RP4	Resistor array 8 x 10 Kohm SIL9
3	C1..C3	Capacitor 0,1 uF ceramic
1	Led1	Led 3mm green
2	IC1,IC2	Socket DIL28s
1	IC3	Socket Dil8
1	VR1	TS2950 CT33
1	JP1	2 pin header + jumper
1	SW1	Dip-switch 2 positions
4	I/O1..I/O4	PSS254/10G
2	J1,J2	RJ12 or RJ45 socket
1	V5	Usb-B socket
2	IC1,IC2	MCP23017
1	IC3	P82B715
1	Pc-board	GCA_Pi02
4	connector	PSK 254/10W
40		PSK pins
4	Pcb-support	M4 with fastener
1		RJ12 cable 0,5m

**IMPORTANT !!!**

Assemble all parts according the following order of this list !  
First check correct power before inserting IC1,2,3  
Before assembling, 4 holes of 3.2 mm should be drilled, either on  
Pos A when RJ45 connectors are to be installed OR  
Pos B when RJ12 connectors are used.

Alle Teile in oben angegeben Folgenreihe montieren.  
Bitte Achtung das J1 und PI1 an Untenseite der Platine montiert werden.  
Untenseite ist ohne Aufdruck.  
2 Löcher ,32 mm sollen gedrillt werden vor montage der Teile  
Für RJ45 Buchse Löcher drillen in Pos A  
Für RJ12 Buchse Löcher drillen in Pos B