



Giling Computer Applications

GCA_PI02

32 I/O ports for Raspberry Pi.

Update : May 5, 2013

In cooperation with Rocrail

Qty Reference Description

1	R1	Resistor 470 Ohm 1/8 Watt	
1	R2	Resistor 2.2 Kohm 1/8 Watt	
1	R3	Resistor 2.2 Kohm 1/8 Watt	
1	R4	Resistor 2.2 Kohm 1/8 Watt	
1	R5	Resistor 2.2 Kohm 1/8 Watt	
1	R6	Resistor 3.3 KOhm 1/8 Watt	
1	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	PG715 (on special pcb)	
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.--

Pos A when RJ45 connectors are to be installed OR

Pos B when RJ12 connectors are used.

Alle Teile in oben angegeben Folgenreihe montieren.

4 Löcher 3,2 mm sollen gedriillt werden vor montage der Teile --

Für RJ45 Buchse Löcher drillen in Pos A

Für RJ12 Buchse Löcher drillen in Pos B