Giling Computer Applications
GCA_PI03
16 channel dimmable outputs   8 servo outputs

Bill Of Materials			Revised	8 feb 2014
			Revision	1.1

Qty	Ref	Part
1	R1	Resistor 470 Ohm
1	R3	Resistor 2,2 Kohm
1	R4	Resistor 2,2 Kohm
1	C1	Ceramic Capacitor 100 nF 2,5 mm pitch
1	C2	Elco SM 100/16V rad
1	D1	Diode 1N4003
1	Led1	led 3mm green
1	IC1	P82B715 with socket DIL08
1	VR1	TS2950 CT33
4		female header 4 pins
4		male header 4 pins
1		female header 6 pins
2	J1,J2	RJ12 or RJ45 socket
1	JP1	3 pin header + jumper
1	V5	USB B socket
4		Pcb support M4 with fastener
1	Cable	RJ12 ½ Mtr

Mount all parts in the following order of this list.
4 and 6 pin female headers should be on pcboard PI03headers on
4 and 6 Pin male headers should on bottom side of ADAfruit PCA9685 board.
To be sure of correct fitting, insert headers in both boards, put them together
and after that solder headers.
Only one 6 pin header is needed. The right hand side 6-pin header is not necessary.

Alle Teile in oben angegeben Folgenreihe montieren.
4 u 6 Pin Buchsenleisten sollen in PI03 Platine montiert werden.
4 u 6 Pin Steckerleisten sollen **UNTEN** in Adafruit PCA9685 montiert werden.
Für eine richtige Passung zuerst Leisten zusammen- und in Platinen stecken,
und erst dann festlöten.
Nur eine 6-Pin Buchse ist notwendig links, Rechtse 6-Pin Buchse/Stifte nicht mitgeliefert.