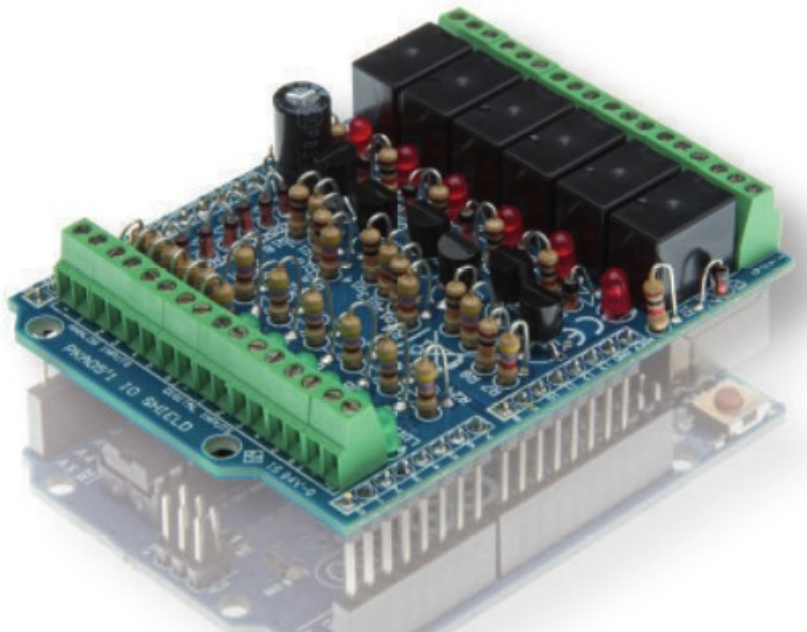


velleman VMA05 IN/OUT Shield for Arduino Instruction Manual

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velleman®

VMA05
MANUAL HVMA05'1
IN/OUT shield for Arduino®



General purpose INPUT – OUTPUT shield for Arduino®

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Features

- For use with Arduino Due, Arduino Uno, Arduino Mega
- 6 analog inputs
- 6 digital input
- 6 relay contact outputs: 0.5A max 30V (*)
- Indicator leds for relay outputs and digital inputs

Specifications

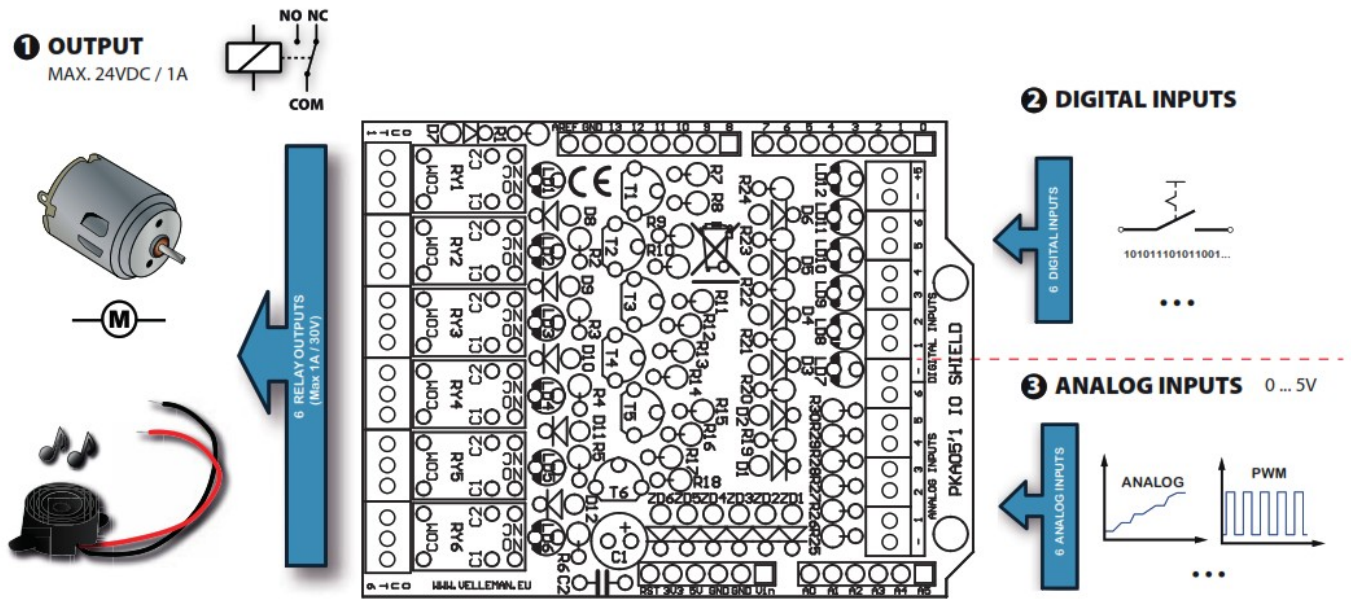
- Analog inputs: 0..+5VDC
- Digital inputs: dry contact or open collector
- Relays: 12V
- Relay contacts: NO/NC 24VDC/1A max.
- Dimensions: 68 x 53mm / 2.67 x 2.08"

(*) It is required to power the Arduino UNO (not supplied) with a 12V DC 500mA power supply (not supplied). This shield will not work with the Arduino Yún. Use the KA08 or VMA08 with the Arduino Yún.



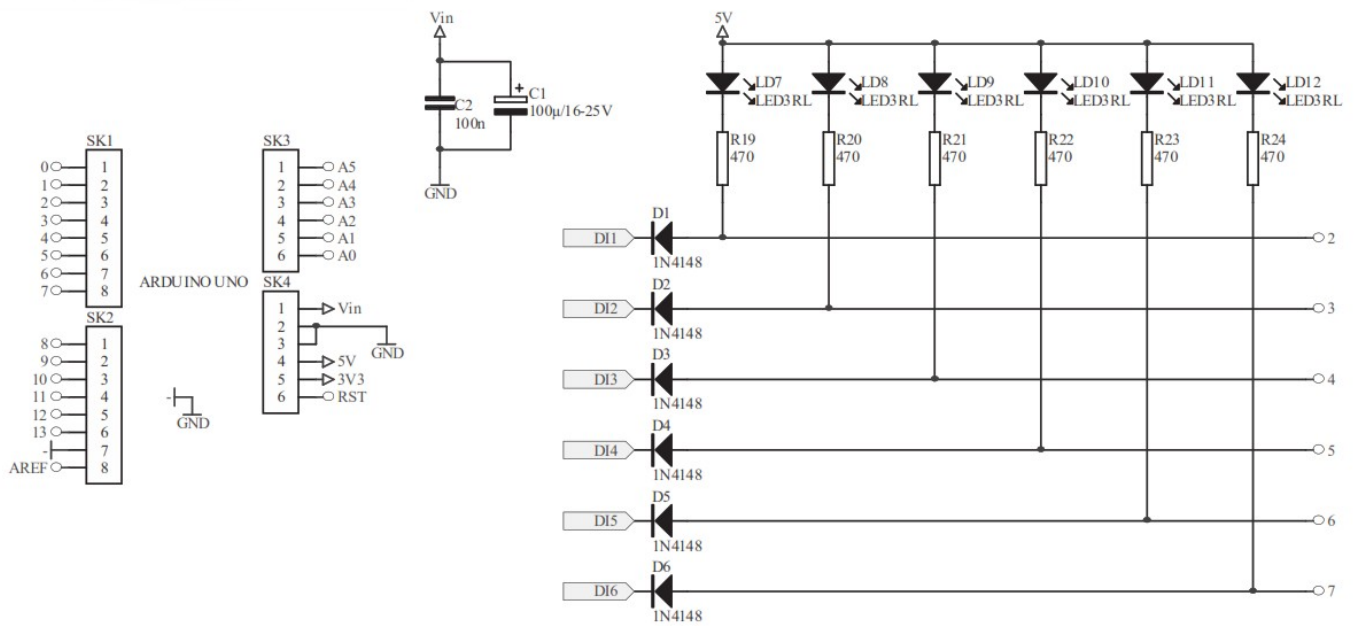
Connection diagram

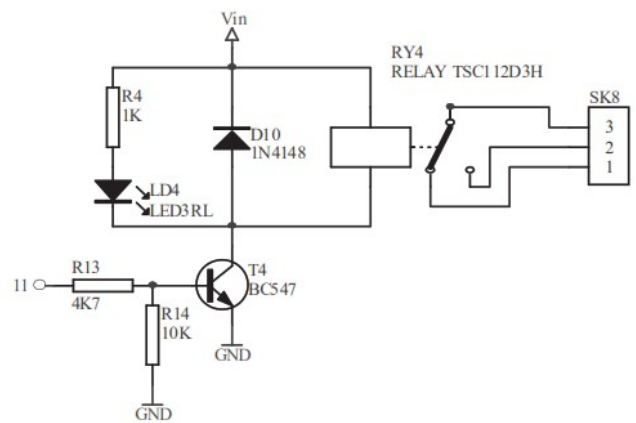
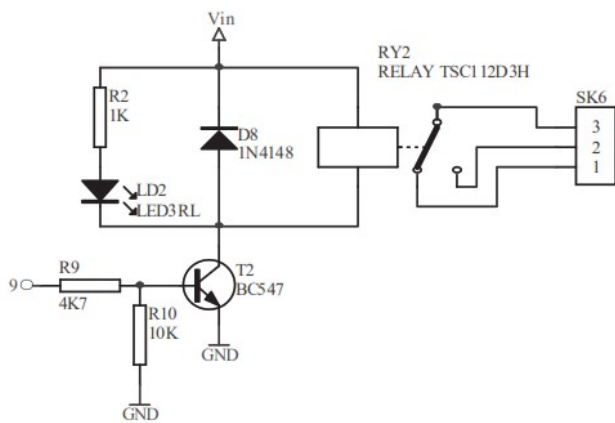
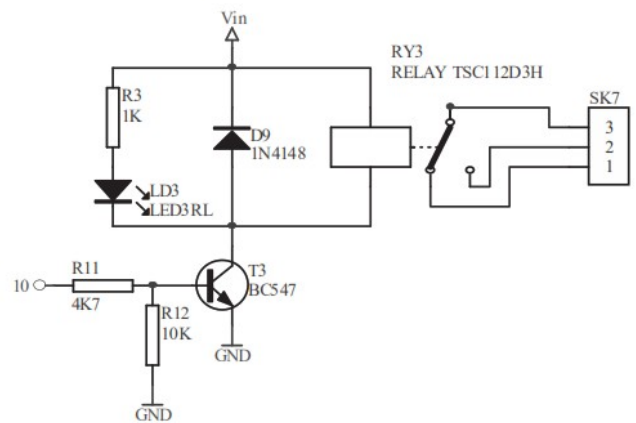
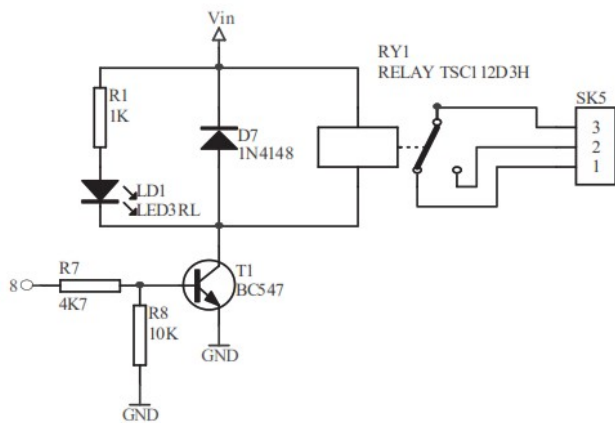
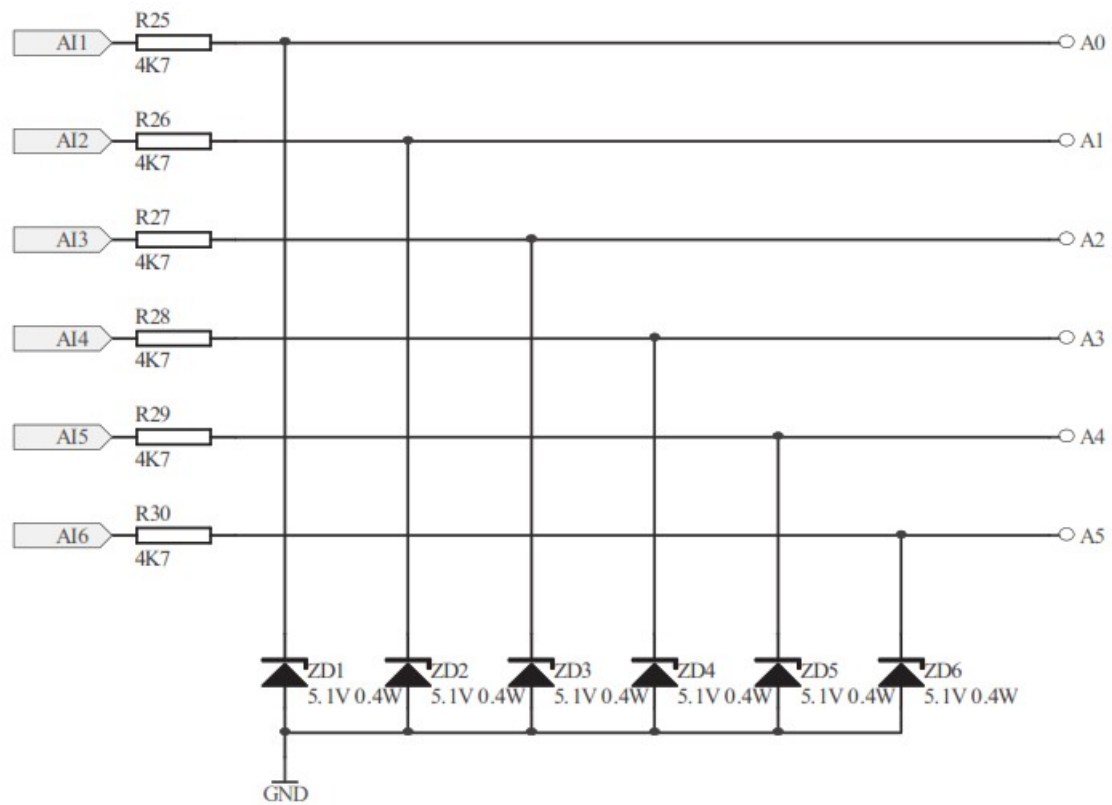


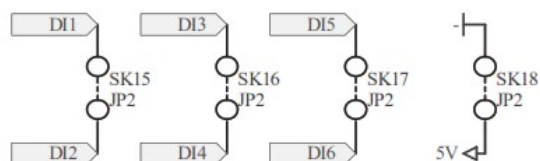
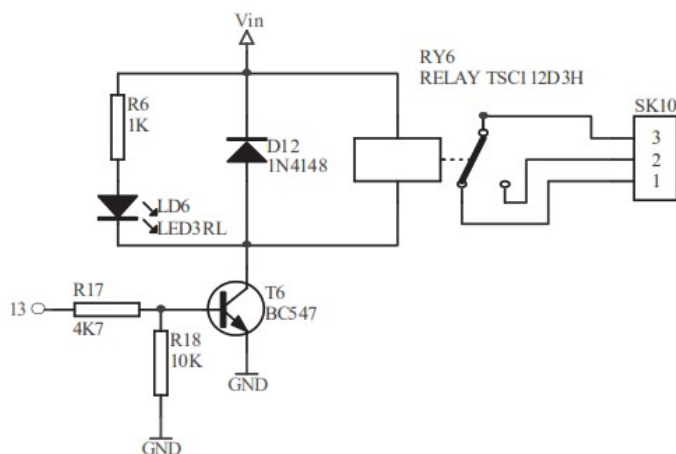
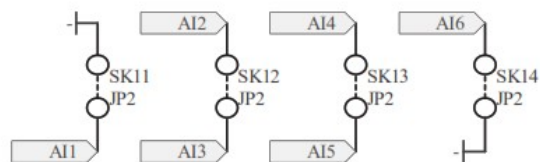
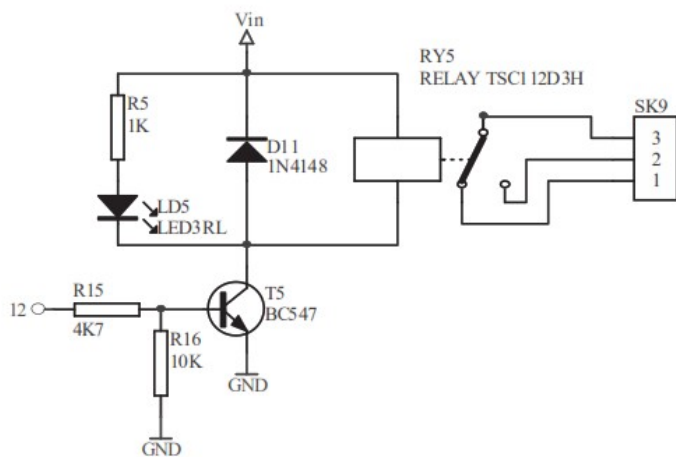


DOWNLOAD SAMPLE CODE FROM KA05 PAGE ON WWW.VELLEMAN.BE

Schematic diagram







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Velleman NV, Legen Heirweg 33 – 9890 Gavere.

Documents / Resources



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VMA05 IN OUT Shield for Arduino, VMA05, VMA05 IN Shield for Arduino, VMA05 OUT Shield f
or Arduino, Shield for Arduino, IN OUT Shield for Arduino, Shield, Arduino, Arduino Shield

References

- [Velleman â€“ Wholesaler and developer of electronics](#)
- [Details â€“ Own brands â€“ Velleman â€“ Wholesaler and developer of electronics](#)