## Emission filter

GAM-388

* 1 pieces
* <http://shop.hofmann.se/GAM_Orange_gold_rush_filter?id=388-GAM#.VaYDufktM9s>

## LED

LED - KA-2810AQBS-G

* 96 pieces
* <http://www.newark.com/kingbright/ka-2810aqbs-g/led-blue-2-8-x-0-8mm-300mcd-465nm/dp/28W1790?ost=KA-2810AQBS-G>

RESISTOR ARRAY - CAY16-680J4LF

* 8 pieces
* <http://www2.mouser.com/ProductDetail/Bourns/CAY16-680J4LF/?qs=sGAEpiMZZMvrmc6UYKmaNRfgdxgGmZwO0UiObiLbmFY%3d>

## Photodiode

PD - CLS15-22C/L213G/TR8

* 96 pieces
* <http://www2.mouser.com/ProductDetail/Everlight/CLS15-22C-L213G-TR8/?qs=%2fha2pyFadugUC2hT8DY8w5bwBboEFqcsiT15XUpz3pXLSXn2ZMowvg%3d%3d>

AMPLIFIER - LMV324LIDT

* 24 pieces
* <http://www2.mouser.com/ProductDetail/STMicroelectronics/LMV324LIDT/?qs=sGAEpiMZZMtCHixnSjNA6A1cCp3RWdULNBEJMAycdn8%3d>

RESISTOR - RK73H1JTTD3904F, 3.9 MOHM

* 96 pieces
* <http://www2.mouser.com/ProductDetail/KOA-Speer/RK73H1JTTD3904F/?qs=sGAEpiMZZMu61qfTUdNhG5E4qJbosIxOZqljLxFrrtg%3d>

CAPACITOR - C0603C104K9RACTU, 100 nF

* 24 pieces
* <http://www2.mouser.com/ProductDetail/Kemet/C0603C104K9RACTU/?qs=sGAEpiMZZMs0AnBnWHyRQFqPnX0OlvcoT8xiopoUos0%3d>

MULTIPLEXER - CD74HC4067SM96G4

* 6 pieces
* <http://www2.mouser.com/ProductDetail/Texas-Instruments/CD74HC4067SM96G4/?qs=sGAEpiMZZMvjbjwkTuU2aWSBFuP5XThJD7CvNuH%252b6rk%3d>

## HEATING BOARDS

THERMISTOR - NTCS0603E3103JMT

* 2 pieces
* <http://www2.mouser.com/ProductDetail/Vishay-BC-Components/NTCS0603E3103JMT/?qs=sGAEpiMZZMuBd0%252bwiCVS26AU6XdLRaaq44b9jicNJ%2f8%3d>

## SHIELD

RESISTOR - CR0603-JW-101GLF, 100 OHM

* 3 pieces
* <http://www2.mouser.com/ProductDetail/Bourns/CR0603-JW-101GLF/?qs=sGAEpiMZZMu61qfTUdNhG6LqqFhkr6pUiua15yR%252bJgE%3d>

CAPACITOR - C0603C104K9RACTU, 100 nF

* 3 pieces
* <http://www2.mouser.com/ProductDetail/Kemet/C0603C104K9RACTU/?qs=sGAEpiMZZMs0AnBnWHyRQFqPnX0OlvcoT8xiopoUos0%3d>

RESISTOR - CR0603-FX-1002ELF, 10 kOHM

* 8 pieces
* <http://www2.mouser.com/ProductDetail/Bourns/CR0603-FX-1002ELF/?qs=sGAEpiMZZMu61qfTUdNhG6LqqFhkr6pUNCm4S5639HA%3d>

POLARIZED CAPACITOR - TPSA106K010R0900, 10 µF

* 2 pieces
* <http://www2.mouser.com/ProductDetail/AVX/TPSA106K010R0900/?qs=YMBIwoNQYdV0MtGvKI9mmw%3D%3D>

RESISTOR - , 1.69kOHM

* 1 pieces

RESISTOR - , 3.3 kOHM

* 1 pieces

RESISTOR - , 4.12 kOHM

* 2 pieces

CONNECTORS

* 8x1F
  + 5 pieces
* 10x1F
  + 1 pieces
* 18x2F
  + 1 pieces
* <http://www.nkcelectronics.com/header-pack-for-megashield-for-arduino-mega-stackable.html>

ATX CONNECTOR

* 1 pieces
* <http://www2.mouser.com/ProductDetail/Molex/39-29-9204/?qs=sGAEpiMZZMs%252bGHln7q6pm%252bS0pk2Wo0Xx%252bhjCcHi%2fB9E%3d>

MOSFET - FDB8880 N-Channel PowerTrench MOSFET

* 3 pieces
* <http://www2.mouser.com/ProductDetail/Fairchild-Semiconductor/FDB8880/?qs=%2fha2pyFaduhm3%252bmJulbefzIwAmz6h6XCUDabfQ%2fDtyg%3d>

WIFI – ESP8266-12

* 1 pieces
* <https://www.amazon.com/gp/aw/d/B00RJJHWLA/ref=ya_aw_od_pi?ie=UTF8&psc=1>

SEMICONDUCTOR DIODE - RGL34G-E3/98

* 3 pieces
* <http://www.digikey.com/product-search/en?keywords=RGL34G-E3%2F98GICT-ND>

VOLTAGE REGULATOR - NCV1117ST50T3G

* 1 pieces
* <http://www.digikey.com/product-detail/en/NCV1117ST50T3G/NCV1117ST50T3GOSCT-ND/1967231>

VOLTAGE REGULATOR - NCV1117ST33T3G

* 1 pieces
* <http://www.digikey.com/product-detail/en/NCV1117ST33T3G/NCV1117ST33T3GOSCT-ND/2705186>

POLARIZED CAPACITOR - UWX0J470MCL1GB

* 3 pieces
* <http://www.digikey.com/product-search/en?KeyWords=493-2086-1-ND&WT.z_header=search_go>

FUSE - MF-R1100

* 1 pieces
* <http://www.digikey.com/product-search/en?KeyWords=MF-R1100-ND&WT.z_header=search_go>

DIODE - S1AB-13-F

* 2 pieces
* <http://www.digikey.com/product-detail/en/S1AB-13-F/S1AB-FDICT-ND/755488>

CONNECTOR 4 heads - 0022232041

* 2 pieces
* <http://www.digikey.com/product-detail/en/0022232041/WM4202-ND/26671>

CONNECTOR 2 heads - 0022232021

* 2 pieces
* <http://www.digikey.com/product-search/en?KeyWords=%09WM4200-ND&WT.z_header=search_go>

CONNECTOR 10 heads - 0022232101

* 1 pieces
* <http://www.digikey.com/product-search/en?KeyWords=%09WM4208-ND&WT.z_header=search_go>

CABLES FOR THE CONNECTORS

* <http://www.electrokit.com/kontakthus-kk-med-kabel-10pol-20cm.45188>
* <http://www.electrokit.com/kontakthus-kk-med-kabel-4pol-20cm.45184>
* <http://www.electrokit.com/kontakthus-kk-med-kabel-2pol-20cm.45182>

**Power input**

picoPSU-120

* <http://www.mini-box.com/s.nl/it.A/id.417/.f>