

| SeeStar Camera Housing Bill of Materials |      |                         |              |                         |                                                                 |                                                                      |
|------------------------------------------|------|-------------------------|--------------|-------------------------|-----------------------------------------------------------------|----------------------------------------------------------------------|
| Item #                                   | Quan | Part                    | Manufacturer | Manufacturer PN#        | Description                                                     | Distributor                                                          |
| 1                                        | 1    | Housing Body            | Groupbinc    | SSC-MB                  | Rectangular camera housing, aluminum, black anodized            | Groupbinc                                                            |
| 2                                        | 1    | GoPro Hero 3 Camera     | GoPro        | Hero 3 or Hero 3+       | Hero 3 or Hero 3+ Black or Silver version                       | GoPro                                                                |
| 3                                        | 1    | Camera Housing Endcap   | Groupbinc    | SSC-EC2716              | Flat rear endcap of camera housing, aluminum, black anodized    | Groupbinc                                                            |
| 4                                        | 1    | SeeStar Camera PCB      | custom       | Distributor PN TBD      | Camera control board                                            | TBD                                                                  |
| 5                                        | 1    | Hero Bus Connector      | Ridax        | SD_BUS                  | 30-Pin Bus Connector                                            | <a href="http://www.chargeconverter.com">www.chargeconverter.com</a> |
| 6                                        | 1    | 8-pin Female Connector  | Subconn      | MCBH8F                  | 8-pin female bulkhead connctor, micro series                    | Ocean Innovations                                                    |
| 7                                        | 1    | 8-pin Male Connector    | Subconn      | MCBH8M                  | 8-pin male bulkhead connctor, micro series                      | Ocean Innovations                                                    |
| 8                                        | 1    | Camera Housing Port     | Groupbinc    | SSC-LB                  | Clear acrylic port for camera lens                              | Groupbinc                                                            |
| 9                                        | 1    | Arduino Pro-Mini        | Arduino      | Arduino Pro-Mini        | Arduino Pro-Mini CPU board                                      | Sparkfun                                                             |
| 10                                       | 4    | Nylon Spacer            | many         | 94639A714               | 3/16" OD, 1/2" Length, for #4 screw                             | McMaster- Carr                                                       |
| 11                                       | 4    | Socket Head Cap Screw   | many         | 92185A192               | Stainless steel socket head cap screw, 8-32 thread, 3/8" length | McMaster- Carr                                                       |
| 12                                       | 4    | Socket Head Cap Screw   | many         | 92185A112               | Stainless steel socket head cap screw, 4-40 thread, 3/4" length | McMaster- Carr                                                       |
| 13                                       | 2    | Socket Head Cap Screw   | many         | 92185A147               | Stainless steel socket head cap screw, 6-32 thread, 3/8" length | McMaster- Carr                                                       |
| 14                                       | 1    | Size -039 buna-N o-ring | many         | 9452K127                | Buna-N, A70 multipurpose o-Ring, OD=2.879"                      | McMaster- Carr                                                       |
| 15                                       | 2    | Size -014 buna-N o-ring | many         | 9452K58                 | Buna-N, A70 multipurpose o-Ring, OD=0.629"                      | McMaster- Carr                                                       |
| 16                                       | 1    | Size -023 buna-N o-ring | many         | 9452K77                 | Buna-N, A70 multipurpose o-Ring, OD=1.191"                      | McMaster- Carr                                                       |
| 17                                       | 1    | Battery Eliminator      | Cam-Do       | Battery Eliminator, 12V | Battery Eliminator, 9-17Vdc input                               | <a href="http://www.cam-do.com">www.cam-do.com</a>                   |

| SeeStar LED Housing Bill of Materials |      |                          |                 |                                  |                                                                           |                   |
|---------------------------------------|------|--------------------------|-----------------|----------------------------------|---------------------------------------------------------------------------|-------------------|
| Item #                                | Quan | Part                     | Manufacturer    | Manufacturer PN#                 | Description                                                               | Distributor       |
| 1                                     | 1    | Housing Body             | Groupbinc       | SSL-MB                           | Short body housing, L=2.5"                                                | Groupbinc         |
| 2                                     | 1    | Port and LED Adaptor     | Groupbinc       | SSL-LED                          | Mounting heatsink for LED board & glass port                              | Groupbinc         |
| 3                                     | 1    | LED Board                | Lingsfire       | Sub-assy of Lingsfire flashlight | LED board from Lingsfire flashlight                                       | Amazon            |
| 4                                     | 1    | LED Module Port          | Groupbinc       | SSL-L                            | Glass port                                                                | Groupbinc         |
| 5                                     | 1    | LED Module Port Retainer | Groupbinc       | SSL-LH                           | Retaining cap                                                             | Groupbinc         |
| 6                                     | 1    | Light housing Endcap     | Groupbinc       | SSL-EC716                        | Endcap with tapped & threaded hole for connector                          | Groupbinc         |
| 7                                     | 1    | Rear Connector           | Subconn         | MCBH8M                           | 8-pin male bulkhead connctor, micro series                                | Ocean Innovations |
| 8                                     | 1    | Driver Board             | Lingsfire       | Sub-assy of Lingsfire flashlight | Driver board from Lingsfire flashlight                                    | Amazon            |
| 9                                     | 4    | Plastic standoff         | many            | 92745A377                        | 4-40 1/2" plastic standoffs                                               | McMaster- Carr    |
| 10                                    | 2    | Pan Head Screw           | many            | 91772A106                        | Stainless steel pan head phillips machine screw, 4-40 thread, 1/4" length | McMaster- Carr    |
| 11                                    | 1    | DC-DC Converter          | Murata          | OKX-T/10-D12P-C                  | Adjustable output DC-DC converter                                         | Digikey           |
| 12                                    | 2    | O-ring-146               | many            | 9452K153                         | Buna-N, A70 multipurpose o-Ring, OD=2.818"                                | McMaster- Carr    |
| 13                                    | 1    | O-ring-014               | many            | 9452K58                          | Buna-N, A70 multipurpose o-Ring, OD=0.629"                                | McMaster- Carr    |
| 14                                    | 1    | O-ring-033               | many            | 9452K121                         | Buna-N, A70 multipurpose o-Ring, OD=2.129"                                | McMaster- Carr    |
| 15                                    | 2    | 4-Pin Terminal Strip     | TE Connectivity | 1776293-4                        | 4-pin (2-position) terminal strip                                         | Digikey           |
| 16                                    | 2    | Pan Head Screw           | many            | 91735A144                        | Stainless steel pan head phillips machine screw, 6-32 thread, 1/4" length | McMaster- Carr    |

| SeeStar Battery Housing Bill of Materials |      |                                            |                     |                  |                                                   |                     |
|-------------------------------------------|------|--------------------------------------------|---------------------|------------------|---------------------------------------------------|---------------------|
| Item #                                    | Quan | Part                                       | Manufacturer        | Manufacturer PN# | Description                                       | Distributor         |
| 1                                         | 1    | Battery Housing Body                       | Groupbinc           | SSB-MB           | Standard cylindrical housing. 6.5" long, aluminum | Groupbinc           |
| 2                                         | 1    | Battery housing endcap                     | Groupbinc           | SSB-EC           | Endcap without connector hole, aluminum           | Groupbinc           |
| 3                                         | 1    | Battery housing endcap with connector hole | Groupbinc           | SSB-EC-716       | Endcap with 7/16"-20 connector hole, aluminum     | Groupbinc           |
| 4                                         | 1    | 8-pin Female Connector                     | Subconn             | MCBH8F           | 8-pin female bulkhead connctor, micro series      | Ocean Innovations   |
| 5                                         | 1    | 12-Cell Battery                            | Battery Specialties | 11021184         | 12-cell NiMH battery                              | Battery Specialties |
| 6                                         | 1    | Size -014 buna-N o-ring                    | many                | 9452K58          | Buna-N, A70 multipurpose o-Ring, OD=0.629"        | McMaster-Carr       |
| 7                                         | 2    | Size -146 buna-N o-ring                    | many                | 9452K153         | Buna-N, A70 multipurpose o-Ring, OD=2.818"        | McMaster-Carr       |
| 8                                         | 1    | 4-Pin Terminal Strip                       | TE Connectivity     | 1776293-4        | 4-pin (2-position) terminal strip                 | Digikey             |

| SeeStar System Bill of Materials |      |                       |              |                                                                                               |                                       |                   |
|----------------------------------|------|-----------------------|--------------|-----------------------------------------------------------------------------------------------|---------------------------------------|-------------------|
| Item #                           | Quan | Part                  | Manufacturer | Manufacturer PN#                                                                              | Description                           | Distributor       |
| 1                                | 2    | Interconnection Cable | Subconn      | Cable Assy: MCIL8F // MCDLSF // 2m 20-8 CABLE // MCDLSM // MCIL8M with Female Locking Sleeves | 8-pin male-to-female cable (2 meters) | Ocean Innovations |