

| AOB15S65L          |   |  |  |
|--------------------|---|--|--|
| Part Number        | AOB15S65L   |  |  |
| Manufacturer       | Alpha and Omega Semiconductor, Inc.                               |  |  |
| Description        | MOSFET N-CH 650V 15A TO263  |  |  |
| Quantity Available | 32365 pcs in stock  |  |  |
| Datasheets         | AOB15S65L.pdf   |  |  |
| AOB15S65L Price    | Request Price & Lead Time Online or Email us: Info@ariat-tech.com |  |  |



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| Technical Information of AOB15S65L     |  |                                |                             |  |
|--|--|--------------------------------|-----------------------------|--|
| Manufacturer Part Number               | AOB15S65L  | Category                       | Discrete Semiconductor      |  |
| Manufacturer                           | Alpha and Omega Semiconductor, Inc.                    | Description                    | MOSFET N-CH 650V 15A TO263  |  |
| Package / Case                         | Tape & Reel (TR)                                       | Quantity Available             | 32365                       |  |
| Series                                 | aMOS™  | Technology                     | MOSFET (Metal Oxide)        |  |
| Operating Temperature                  | -55°C ~ 150°C (TJ)                                     | Mounting Type                  | Surface Mount               |  |
| Package / Case                         | TO-263-3, D <sup>2</sup> Pak (2 Leads + Tab), TO-263AB | Supplier Device Package        | TO-263 (D <sup>2</sup> Pak) |  |
| Power Dissipation (Max)                | 208W (Tc)  | FET Type                       | N-Channel                   |  |
| FET Feature                            | -  | Drain to Source Voltage (Vdss) | 650V                        |  |
| Current - Continuous Drain (Id) @ 25°C | 15A (Tc)   | Rds On (Max) @ ld, Vgs         | 290 mOhm @ 7.5A, 10V        |  |
| Vgs(th) (Max) @ Id                     | 4V @ 250μA   | Gate Charge (Qg) (Max) @ Vgs   | 17.2nC @ 10V                |  |
| Input Capacitance (Ciss) (Max) @ Vds   | 841pF @ 100V   | Packaging                      | Tape & Reel (TR)            |  |

AOB15S65L 32365pcs New and Original in Stock, Find AOB15S65L Stock, Datasheet, PDF, Inventory at Ariat-Tech.com Online, Order AOB15S65L Alpha and Omega

| elated parts for AOB15S65L |             |                            |                                     |           |  |  |
|----------------------------|-------------|----------------------------|-------------------------------------|-----------|--|--|
| age                        | Part Number | Description                | Manufacturer                        | Qty       |  |  |
| ARIAT Photo Not Available  | AOB1450     | AOB1450 AOS                | AOS                                 | 300 pcs   |  |  |
| APIAT Photo Not Available  | AOB15C60    | AOB15C60 AOS               | AOS                                 | 313 pcs   |  |  |
|                            | AOB20C60L   | MOSFET N-CH 600V 20A TO263 | Alpha and Omega Semiconductor, Inc. | 500 pcs   |  |  |
| APIAT Photo Not Available  | AOB1606     | AOB1606 AO/                | AO/                                 | 580 pcs   |  |  |
| ARIAT Photo Not Available  | AOB20B60D   | AOB20B60D AO/              | AO/                                 | 1210 pcs  |  |  |
|                            | AOB15S60L   | MOSFET N-CH 600V 15A D2PAK | Alpha and Omega Semiconductor, Inc. | 32365 pcs |  |  |
| ARIAT Photo Not Available  | AOB1608     | AOB1608 AOS                | AOS                                 | 208 pcs   |  |  |
|                            | AOB15B60D   | IGBT 600V 30A 167W TO263   | Alpha and Omega Semiconductor, Inc. | 32363 pcs |  |  |
|                            | AOB1404L    | MOSFET N-CH 40V 15A TO263  | Alpha and Omega Semiconductor, Inc. | 22800 pcs |  |  |
| 7                          | AOB1606L    | MOSFET N-CH 60V 12A TO263  | Alpha and Omega Semiconductor, Inc. | 28800 pcs |  |  |
| APIAT Photo Not Available  | AOB20B65M1  | AOB20B65M1 AO/             | AO/                                 | 350 pcs   |  |  |
| 72 Marina Charles          | AOB190A60L  | MOSFET N-CH 600B TO-263    | Alpha and Omega Semiconductor, Inc. | 500 pcs   |  |  |
|                            | AOB1608L    | MOSFET N-CH 60V 11A TO263  | Alpha and Omega Semiconductor, Inc. | 22500 pcs |  |  |
| Photo Not Available        | AOB15S65    | AOB15S65 AO/               | AO/                                 | 22500 pcs |  |  |
| APIAT Photo Not Available  | AOB14N50L   | AOB14N50L AOS              | AOS                                 | 1600 pcs  |  |  |
|                            | AOB15B65M1  | IGBT 650V 15A TO263        | Alpha and Omega Semiconductor, Inc. | 40220 pcs |  |  |
|                            | AOB14N50    | MOSFET N-CH 500V 14A D2PAK | Alpha and Omega Semiconductor, Inc. | 28523 pcs |  |  |
|                            | AOB20C60    | MOSFET N-CH TO-263         | Alpha and Omega Semiconductor, Inc. | 31500 pcs |  |  |
|                            | AOB20C60PL  | MOSFET NCH 600V 20A TO263  | Alpha and Omega Semiconductor, Inc. | 32363 pcs |  |  |
| ARIAT                      | AOB15S60    | AOB15S60 AO/               | AO/                                 | 32500 pcs |  |  |

## IC Chine & IGRT Module - Hot Stock Part Number

| IC Chips & IGBT N | Module - Hot Stock Part Number | er<br>    |           |            |  |
|-------------------|--------------------------------|-----------|-----------|------------|--|
| AOB11C60          | AOB11C60L                      | AOB11N60  | AOB11N60L | AOB11S60   |  |
| AOB11S60L         | AOB11S65                       | AOB11S65L | AOB12N50  | AOB12N50L  |  |
| AOB12N60FD        | AOB12N60FDL                    | AOB12N65  | AOB12N65L | AOB12S50L  |  |
| AOB12T60P         | AOB12T60PL                     | AOB1404L  | AOB14N50  | AOB14N50L  |  |
| AOB15B60D         | AOB15B65M1                     | AOB15S60  | AOB15S60L | AOB15S65   |  |
| AOB1606L          | AOB1608L                       | AOB20B60D | AOB20C60  | AOB20C60PL |  |
| AOB20S60          | AOB20S60L                      | AOB2146L  | AOB2500L  | AOB2502L   |  |
| AOB25S65          | AOB25S65L                      | AOB2606L  | AOB2608L  | AOB2618L   |  |
| AOB270AL          | AOB27S60                       | AOB27S60L | AOB290L.  | AOB2910L   |  |
| AOB2918L          | AOB29S50                       | AOB29S50L | AOB418-K  | AOB4184AU  |  |