

Variant: 001
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 TID #: N/A



TIDA-060040 REV A Bill of Materials

| Item # | Designator | Quantity | Value | PartNumber | Manufacturer | Description | PackageReference |
|--------|---|----------|-------|--------------------|-----------------------------|---|------------------|
| 1 | PCB1 | 1 | | TIDA-060040 | Any | Printed Circuit Board | |
| 2 | C1, C3, C5, C7 | 4 | 1uF | CL03A105MP3NSNC | Samsung Electro-Mechanics | CAP, CERM, 1 uF, 10 V, +/- 20%, X5R, 0201 | 0201 |
| 3 | C2, C4, C6, C8 | 4 | 0.1uF | GRM033R60J104KE19D | MuRata | CAP, CERM, 0.1 uF, 6.3 V, +/- 10%, X5R, 0201 | 0201 |
| 4 | D1, D2 | 2 | Rg | HSMF-C165 | Avago | LED, Rg, SMD | 1.6x0.8mm |
| 5 | J1, J2 | 2 | | NRPN062PARN-RC | Sullins Connector Solutions | | HDR12 |
| 6 | R1, R10 | 2 | 0 | CRCW06030000Z0EA | Vishay-Dale | RES, 0, 5%, 0.1 W, AEC-Q200 Grade 0, 0603 | 0603 |
| 7 | R2, R3, R4, R5, R6, R11, R12, R13, R14, R15 | 10 | 0 | CRCW02010000Z0ED | Vishay-Dale | RES, 0, 5%, 0.05 W, 0201 | 0201 |
| 8 | R7, R8, R17, R18 | 4 | 150 | RC0201JR-07150RL | Yageo America | RES, 150, 5%, 0.05 W, 0201 | 0201 |
| 9 | R9, R16 | 2 | 4.7k | RC0201JR-7D4K7L | Yageo America | RES, 4.7 k, 5%, 0.05 W, 0201 | 0201 |
| 10 | U1, U2 | 2 | | PTMAG5170A1EDGKQ1 | Texas Instruments | Automotive, 3D high-precision linear Hall effect sensor with SPI bus interface 8-VSSOP -40 to 150 | VSSOP8 |
| 11 | U3, U4 | 2 | | DRV5055A1QDBZT | Texas Instruments | High Accuracy 3.3 V or 5 V Ratiometric Bipolar Hall Effect Sensor Family, DBZ0003A (SOT-23-3) | DBZ0003A |
| 12 | FID1, FID2, FID3 | 0 | | N/A | N/A | Fiducial mark. There is nothing to buy or mount. | N/A |
| 13 | U5, U6 | 0 | | DRV5055A1QLPGM | Texas Instruments | High Accuracy 3.3 V or 5 V Ratiometric Bipolar Hall Effect Sensor Family, LPG0003A (TO-92-3) | LPG0003A |

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