



**DTNA GEN2 TRUCK GEN6 EZ PAL WAL TX 433
COMPLIANT PIN
70803106227
RF report**

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| DOCUMENT NUMBER: | NG23092019 | ISSUE LEVEL: | 03 |
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2.2. BOM (Ref: 90818106229-RF section updated 04062019)

| Process Stage | Assembly Pt No | Sub Ass'y Pt No | Component Part No | Added at Op'n No | Material | Insert | Identifier | Issue Level | Unit | Build Qty | Component Type | Value | Tolerance +ve (%) | Tolerance -ve (%) | Description | Footprint |
|---------------|----------------|-----------------|-------------------|------------------|----------------|----------------|------------|-------------|------------------|----------------------|------------------------------------|-------------------|-------------------|-------------------|--|---|
| SMT | | | 50801106231R01 | | | | | R01 | | 0.02857 | | | | | GENERIC GEN2 TRUCK GEN6 EZ PAL WAL TX 433 314.9 COMPLIANT PIN IT180A KCE (unpopulated) SMT CODE: 01513 | |
| | | | 30881038 | | | | | 01 | | | | | | | GENERIC GEN2 TRUCK GEN6 EZ PAL WAL TX 433 314.9 COMPLIANT PIN PCB GERBER | |
| | | | | | 30543012 | | | | Grams | 0.0343750 | | | | | LEAD FREE Solder Paste LF318 - 650gms | |
| | | | 30546100786R01 | | | TPND | C1 | | Piece | 1 | CAP | 390pF | 5 | 5 | 0402 50V COG 390pF +/-5% Capacitor | 0402 |
| | | | 30546033R01 | | | TPND | C2 | | Piece | 1 | CAP | 820pF | 5 | 5 | 0402 50V COG 820pF +/-5% Capacitor Murata | 0402 |
| | | | 30542001R01 | | | VDDD | C3 | | Piece | 1 | CAP | 470nF | 20 | 20 | 0402 10V X7S 470nF ± 20% Cap | 0402 |
| | | | 30544003 | | | RF | C4 | | Piece | 1 | CAP | 3pF | 8.333 | 8.333 | 0402 Cap 3.0pf +/-0.25pf 50V | 0402 |
| | | | 30544002 | | | RF | C5 | | Piece | 1 | CAP | 5.6pF | 4.46 | 4.46 | 0402 CAP 5.6PF +/-0.25PF COG 50V | 0402 |
| | | | 30546016 | | | RF | C6 | | Piece | 1 | CAP | 15pF | 5 | 5 | 0402 Capacitor 15pf +/-5% COG 50V | 0402 |
| | | | 30546002 | | | VDDPA | C7 | | Piece | 1 | CAP | 220pF | 5 | 5 | 0402 Capacitor 220pf +/-5% COG | 0402 |
| | | | 30546002 | | | Decou | C8 | | Piece | 1 | CAP | 220pF | 5 | 5 | 0402 Capacitor 220pf +/-5% COG | 0402 |
| | | | 30548001 | | | Decou | C9 | | Piece | 1 | CAP | 4.7nF | 10 | 10 | 0402 Capacitor 4.7nf +/-10% X7R | 0402 |
| | | | 30596025 | | | Decou | C10 | | Piece | 1 | CAP | 1µF | 10 | 10 | 1µF 0603 Cap X7R | 0603 |
| | | | 30548005 | | | OVA | C11 | | Piece | 1 | CAP | 100nF | 10 | 10 | 100nF 0402 +/-10% X7R 16v | 0402 |
| | | | 30546035R01 | | | RF | C12 | | Piece | 1 | CAP | 1.2pF | 5 | 5 | 0402 50V COG 1.2pF +/-5% Capacitor | 0402 |
| | | | 30546009 | | | RF | C13 | | Piece | 1 | CAP | 3.9pF | 6.41 | 6.41 | 0402 Capa 3.9pf +/-0.25pF COG50V | 0402 |
| | | | 30577100482R01 | | | RF | L1 | | Piece | 1 | IND | 47nH | 5 | 5 | M/L Inductor 0402 47nH +/- 5% (LQG15H series) | 0402 |
| | | | 30580023R01 | | | Shock | SS1 | | Piece | 1 | Small Shock Sensor - PKGS-45TAV-R1 | | | | Shock Sensor PKGS-45TAV-R1 Murata | SHOCK SENSOR |
| | | | 30580023R01 | | | Shock | SS2 | | Piece | 1 | Small Shock Sensor - PKGS-45TAV-R1 | | | | Shock Sensor PKGS-45TAV-R1 Murata | SHOCK SENSOR |
| | | | 30577100742R01 | | | TPND | TPND | | Piece | 1 | CHIP IND | 1.34mH | 5 | 5 | 1210 1.34mH +/-5% chip inductor (EPCOS-TDK) | 1210 |
| | | | 30531108128R01 | | | ASIC | U1 | | Piece | 1 | ASIC | SSSM799BA1 | | | ED G6 DTNA TRUCK SSSM799BA1 AVE 3P2T SMI (150PSI) 433MHZ 0x1A0E | MLP28_RESIST_WINDOW |
| | | | 30534094R01 | | | XTAL | X1 | | Piece | 1 | Xtal | 24MHz | 100ppm | 100ppm | 24MHz NX2016SA Crystal (NDK) | 2016 |
| | | | 50801106223 | | | | | | | | | | | | DTNA GEN2 TRUCK GEN6 EZ PAL WAL TX 433 COMPLIANT PIN PCB S/A SMT CODE: 01513 | |
| MECH S/A | | | 40801107715R01 | | | | | R01 | Piece | 1 | Enclosure | | | | GEN 2 TRUCK SENSOR ENCLOSURE SUB-ASSEMBLY | |
| | | | 10542001 | | | | | | Piece | 1 | Seal | | | | Sensor Seal (Pim seal) | |
| | | | 30571140R03 | MCH170 | | | | R03 | Piece | 1 | Battery | | | | Maxell Battery CR2450HR GenJ tag configuration | |
| | | | | MCH135 | 30543101849R01 | | | | Quantity | 0.00015 | | Solder Wire | | | ALMIT Lead free solder wire SR-LA LFM -48M 0.8mm | |
| | | | 60801106225 | | | | | | | | | | | | DTNA GEN2 TRUCK GEN6 EZ PAL WAL TX 433 COMPLIANT PIN MECH S/A MECH ID: 01399 | |
| FINAL ASSY | | | 50801106223 | | | | | | Piece | 1 | | | | | DTNA GEN2 TRUCK GEN6 EZ PAL WAL TX 433 COMPLIANT PIN PCB S/A SMT CODE: 01513 | |
| | | | 60801106225 | | | | | | Piece | 1 | | | | | DTNA GEN2 TRUCK GEN6 EZ PAL WAL TX 433 COMPLIANT PIN MECH S/A MECH ID: 01399 | |
| | | | | | FIN230 | 20565104500R01 | | R01 | Gram Quantity | 4.11458 0.0000229 | | Urethane Resin | | | Urethane Resin UR5117A Mercury Free - AP54-49-1 (mix ratio 2.77 resin -1 hardener) 200L/180Kg | |
| | | | | | FIN230 | 20565045R01 | | R01 | Gram Quantity | 1.4854 0.00000825 | | Urethane Hardener | | | Urethane Hardener UR5117B (mix ratio 2.77 resin -1 hardener) 200L/180Kg | |
| | | | | | | 20546446 | | 01 | Roll | 1 | | Blank Label | | | Blank Tear off Label | |
| | | | | | | 20547012 | | | Roll | 0.0001 | | Ink Ribbon | | | Printer ribbon 90mm wide x450m Long | |
| | | | | | | 20846103812 | | 02 | Piece | 1 | | Printed Label | | | HEAVY TRUCK PRINTED TEAR OFF LABEL | |
| | | | | 70803106227 | | | | | | | | | | | | DTNA GEN2 TRUCK GEN6 EZ PAL WAL TX 433 COMPLIANT PIN MECH ID: 01399 |



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