



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

DOCUMENT NUMBER:

NG23092019

ISSUE LEVEL:

03

2.2. BOM (Ref: 90818106229-RF section updated 04062019)

Process Stage	Assembly Pt No	Sub Assy 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			Decoup	C8		Piece	1	CAP	220pF	5	5	0402 Capacitor 220pF +/-5% COG	0402
			30548001			Decoup	C9		Piece	1	CAP	4.7nF	10	10	0402 Capacitor 4.7nF +/-10% X7R	0402
			30596025			Decoup	C10		Piece	1	CAP	1µF	10	10	1uF 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	4.11458	Urethane Resin				Urethane Resin UR5117A Mercury Free - AP54-49-1 (mix ratio 2.77 resin -1 hardener) 200L/180Kg	
					FIN230	20565045R01		R01	Gram	0.0000229	Urethane Hardener				Urethane Hardener UR5117B (mix ratio 2.77 resin -1 hardener) 200L/180Kg	
									Gram	1.4854						
									Quantity	0.00000825						
									Roll	1	Blank Label				Blank Tear off Label	
						20546446		01	Roll	0.0001	Ink Ribbon				Printer ribbon 90mm wide x450m Long	
						20547012			Roll	1	Printed Label				HEAVY TRUCK PRINTED TEAR OFF LABEL	
			20846103812					02	Piece	1						
			70803106227								DTNA GEN2 TRUCK GEN6 EZ PAL WAL TX 433 COMPLIANT PIN MECH ID: 01399					

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