



TEST REPORT nr. R12117901	
Federal Communication Commission (FCC)	
Test item	
Description.....:	VEHICULAR CAN BUS INTERFACE
Trademark.....:	TEXA
Model/Type.....:	NAVIGATOR NANO
Test Specification	
Standard.....:	FCC Rules & Regulations, Title 47 - Part 15.107 and Part 15.109:2010
Client's name:	TEXA S.p.A.
Address.....:	Via 1° Maggio, 9 – 31050 Monastier di Treviso (TV) – ITALY
Manufacturer's name :	Same as client
Address.....:	--
Report	
Tested by.....:	C. Panozzo – Technician <u><i>C. Panozzo</i></u>
Approved by.....:	R. Beghetto – Laboratory Manager <u><i>R. Beghetto</i></u>
Date of issue.....:	16.10.12
Contents.....:	21 pages

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 The test results presented in this report relate only to the item tested.



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1. Summary

Emission Test:
 FCC Rules & Regulations, Title 47

Test specifications	Environmental Phenomena	Port	Tests sequence	Result
Part 15.107	Continuous disturbance voltage	Mains terminal	2	Complies
Part 15.109	Radiated disturbance	Enclosure	1	Complies

(+) Apparatus with 12 Vdc from battery power supply

The Test Report was given to the Client representatives for necessary documentation of ratification of the tested equipment and it is valid for the FCC certification.



CMC Centro Misure Compatibilità S.r.l.

2. Description of Equipment under test (EUT)

Power supply : 12 Vdc from battery
 Power cable : Unshielded
 Serial Number : --

2.1 Test Site

Company : CMC Centro Misure Compatibilità S.r.l.
 Address : Via dell'Elettronica, 12/C
 36016 Thiene (VI) - ITALY

3. Testing and sampling

Date of receipt of test item : 20.07.12
 Testing start date : 20.07.12
 Testing end date : 15.10.12
 Samples tested nr. : 1
 Sampling procedure. : Equipment used for testing was picked up by the manufacturer, at the end of the production process with random criterion
 Internal identification : adhesive label with the product number P120816

4. Operative conditions

EUT exercising : Steady condition
 EUT in diagnosis and connected with AXONE 4 by USB port
 Auxiliary equipment : Personal digital assistant AXONE 4 by TEXA Spa
 Performance check for immunity test : --



5. Photograph(s) of EUT

5.1 Photograph(s) of EUT





6. Equipment list

Id. number	Manufacturer	Model	Description	Serial number
CMC S001	Rohde & Schwarz	ESHS30	EMC interference receiver	862024/003
CMC S002	Rohde & Schwarz	ESVS30	EMC interference receiver	826638/011
CMC S003	SCHAFFNER	NSG 2025-4	Burst source with CDN	1010
CMC S004	SCHAFFNER	NSG 435-01	ESD simulator	1166
CMC S005	XITRON	2503	Harmonic & Flicker analyser	2503592013
CMC S006	Chauvin Arnoux	CA43	Field meter	218541RLV
CMC S007	Rohde & Schwarz	SMY01	RF signal generators	841403/038
CMC S009	Rohde & Schwarz	ESH2-Z5	Artificial network	839497/007
CMC S010	Rohde & Schwarz	ESH3-Z2	Impulses limiting device	---
CMC S012	Rohde & Schwarz	MDS21	Absorbing clamp	838506/015
CMC S013	Rohde & Schwarz	EZ-17	Current probe	840411/009
CMC S014	Rohde & Schwarz	ESH2-Z3	Passive probe	---
CMC S015	RKB	LOG801000	Log-periodic Antenna	---
CMC S016	Rohde & Schwarz	HK116	Biconical antenna	839472/001
CMC S017	Rohde & Schwarz	HL223	Log-periodic Antenna	825584/009
CMC S018	SCHAFFNER	CDN 126	Coupling clamp	128
CMC S019	FCC	FCC 801-M5-25	CDN Power Line	06
CMC S021	CMC	TRBS 01	Balance-to-unbalance transformer	---
CMC S022	Teseo	LAS 1	Loop antenna	3971
CMC S024	CMC	CTL-01	Voltage change for LISN	---
CMC S025	Salmoiraghi	1750-1	Hygro - Thermograph	323.601
CMC S026	Chroma	C6530	Power supply source	653000095
CMC S027	Amplifier Research	75A250	RF Amplifier	19349
CMC S028	FCC	FCC-203I	Injection clamp	209
CMC S029	Keytek	Cemaster	Surge, dips, burst source	9609258
CMC S030	Rohde & Schwarz	ESPC	EMC interference receiver	844006/013
CMC S031	Tektronix	TDS 210	Digital oscilloscope	B010552
CMC S032	SCHAFFNER	NSG 2050	Surge source with CDN	200111-253AR
CMC S033	Tektronix	P6015	High voltage probe	R0238/1
CMC S034	Schwarzbeck	UHA 9105	Dipole	UHA 91052234
CMC S037	Rohde & Schwarz	NRVS	Power meter	845127/023
CMC S039	CMC	BI 01	Induction coil	---
CMC S040	Walker Scientific	ELF 50-D	Magnetic field meter	K71484-290
CMC S042	Fluke	Fluke 73	Multimeter	67771510
CMC S[51-75]	CMC	LFXXX	Dummy lamp	---
CMC S076	Altitude	25438	Barometer	---
CMC S077	Fluke	Fluke-87	Multimeter	69050353
CMC S078	Amplifier Research	100W1000M1	RF Amplifier	21849
CMC S079	AH System, Inc	SAS-200/542	Biconical antenna	504
CMC S080	AH System; Inc	SAS-200/510	Log periodic antenna	807
CMC S081	AH System; Inc	SAS 200/550-1	Active Monopole Antenna	660
CMC S082	AH System; Inc	SAS-200/560	Loop Antenna	635
CMC S083	AH System; Inc	BCP-200/510	LF Current Probe	564
CMC S084	AH System; Inc	BCP-200/511	HF/VHF Current Probe	579
CMC S085	AH System; Inc	SAS-200/530	Broadband dipole	504
CMC S086	CMC	RHCP01	Resistance 470Kohm	---
CMC S087	CMC	RHCP01	Resistance 470Kohm	---
CMC S088	CMC	LFAS20	Dummy lamp	---
CMC S089	CMC	CSTARTER	Capacitor 5000pF	---
CMC S090	CMC	CSTARTER	Capacitor 5000pF	---
CMC S091	CMC	DIPLP	Dipole for Loop Antenna control	---
CMC S094	Schwarzbeck	NNBM 8126-A	Artificial network	8126A161
CMC S095	FCC	FCC 801-M3-16	CDN power line	9821



Id. number	Manufacturer	Model	Description	Serial number
CMC S096	B & K	2260	Phonometer	1847463
CMC S105	Decca	PA-50	Log-periodic antenna	34/17977 - b
CMC S106	Gigatronix	900	RF signal generator	323001
CMC S107	Hewlett Packard	HP8563E	Spectrum analyser	3846A09658
CMC S108	Emco	3115	Horn antenna	9811-5622
CMC S109	Farnell	LFM4	LF signal generator	531
CMC S110	CMC	OPS800	Open strip line 800mm	---
CMC S111	LEM HEME	PR 1001	Current probes	---
CMC S112	Amplifier Research	DC3010	Directional coupler	15238
CMC S114	Schwarzbeck	VHA 9103	Dipole	VHA 91031801
CMC S116	CMC	BCIP01	Bulk current injection probe	--
CMC S117	MARCONI	2019A	RF signal generator	118453/014
CMC S118	Hewlett Packard	E3632A	Programmable power supply	KR75301881
CMC S119	Hewlett Packard	HP8903B	Audio Analyzer	3011A09055
CMC S120	FCC	FC130-A	Bulk Current Injection Probe	118
CMC S121	Wavetek	LCR55	Bridge LCR	20104738
CMC S122	Fluke	336	Amperometric clamp meter	81754972
CMC S123	Rohde & Schwarz	SML03	RF signal generator	100625
CMC S124	Spin	AMTP42-20	Horn Antenna 18-26GHz	103
CMC S125	SCHAFFNER	PNW 2003	Dips source	200234-014SC
CMC S126	LDS + Dactron	V730-335+LASER	Vibration testing system	132+133+4512698
CMC S127	SCHAFFNER	HLA6120	Loop Antenna	1191
CMC S128	SCHAFFNER	CBA9428	RF Amplifier	1006
CMC S129	Rohde & Schwarz	ESPI7	Receiver	836.914/004
CMC S130	SCHAFFNER	NSG 5000	Automotive Impulse Generator	02032579-1
CMC S131	SCHAFFNER	CDN 500	Capacitive clamp	400-151/0128
CMC S132	CMC	OPS150	Open strip line 150mm	---
CMC S133	RKB	LOG8002500	Log-periodic Antenna	---
CMC S135	LEM HEME	PR 30	Current Probe	P04217832830
CMC S136	Schwarzbeck	VULB 9136	Broadband Antenna	9136-205
CMC S138	Agilent	33220A	Function / Arbitrary Waveform Gen.	MY44003979
CMC S139	Wilcoxon	736	Accelerometer 101 mV/g	12245
CMC S140	Wilcoxon	732A	Accelerometer 9.8 mV/g	1424
CMC S141	Dytran	3023A1	Accelerometer Triaxial	383
CMC S142	Narda	ELT-400+B-sensor	Exposure level tester	D-0034+D-0032
CMC S143	EM TEST	DPA 500	Harmonic & Flicker analyser	0903 - 04
CMC S144	Rohde & Schwarz	URV5	Power meter	881375/004
CMC S145	Hewlett Packard	778D	Directional coupler	17237
CMC S146	Amplifier Research	10W1000B	RF Amplifier	18451
CMC S150	RKB	LOG3080	Log-periodic Antenna	---
CMC S155	Chroma	61705	Power supply source	000000088
CMC S156	Yokogawa	DL9040	Digital oscilloscope	91F643771
CMC S158	CMC	ITF	Impedance	---
CMC S159	Rohde & Schwarz	SM300	RF signal generator	1006114
CMC S161	EM TEST	EFT 500 M4 S1	Burst source with CDN	V0739102946
CMC S162	FCC	FCC 801-M2-16	CDN power line	07047
CMC S163	NOISEKEN	ESS-2002+TC-815R	ESD simulator	ESS0787336
CMC S164	Rohde & Schwarz	ESU26	EMC interference receiver	100052
CMC S170	Amplifier Research	FL7006	Field meter	0327425
CMC S171	Schwarzbeck	BBHA 9120 LF(A)	Broadband Antenna	284
CMC S172	Schwarzbeck	VHBD9134+BBAL9136	Broadband Antenna	9134-037
CMC S173	Luthi	CDN L-801 AF4	CDN I/O line	2481
CMC S174	Luthi	CDN L-801 AF8	CDN I/O line	2482
CMC S175	Luthi	CDN L-801 T2	CDN I/O line	2473
CMC S176	Luthi	CDN L-801 T4	CDN I/O line	2475
CMC S177	Luthi	CDN L-801 T8	CDN I/O line	2476



Id. number	Manufacturer	Model	Description	Serial number
CMC S178	Schwarzbeck	STLP 9128 C	Broadband Antenna (150 - 4000 MHz)	086
CMC S179	Frankonia	FLL-250A	RF Amplifier	1023
CMC S180	Milmega	RF350	RF Amplifier	1031422
CMC S181	Milmega	AS0822-200	RF Amplifier	1031424
CMC S182	Milmega	AS0206-50	RF Amplifier	1031425
CMC S183	Minicircuits	PWR-SEN-6G+	Power sensor	0809070042
CMC S184	ARRAY	3400A	Arbitrary Waveform Generation	TW00009164
CMC S185	EM TEST	OCS 500 M6 S4	Oscillatory compact simulator	V0915104789
CMC S187	Rohde & Schwarz	SMB100A	RF signal generator	102572
CMC S190	Spin	AMDR-10180	Horn antenna	01-309-09
CMC S193	Solar	6552-1A	BF Amplifier	---
CMC S194	CMC	CDN 16 PL	CDN Power line	---
CMC S195	Schwarzbeck	VULB 9118 E sp.	Log-periodic Antenna (50 - 2000 MHz)	827
CMC S196	EM TEST	BS 200N	Electronic switch	V100510506
CMC S197	EM TEST	UCS 200N	Pulse generator 1/2/3a/3b/6/7	V0825103901
CMC S198	FCC	F - 55	RF Current Probe	100999
CMC S199	EM TEST	CNI 503	CDN for Burst and Surge	V1026106843
CMC S200	Schwarzbeck	NSLK 8128	V-LISN	8128-273
CMC S201	Fairview microwave	AR-06N	6 dB attenuator	---
CMC S202	Rohde & Schwarz	CMU200	Universal radio communication tester	104099
CMC S203	CMC	VH	Van der Hoofden test-head	---
CMC S204	Amplifier Research	150L	RF Amplifier	10939
CMC S205	Schwarzbeck	NNBM 8124	LISN 5uH	065
CMC S206	Rohde & Schwarz	ESCI 7	EMC Receiver	100781
CMC S207	AlphaLab	ASMG	Milligauss meter	584
CMC S209	Eletratest	TPS40K 30K60S	AC Source	002.11
CMC S210	EM TEST	PFS 200N30	Power Fail simulator	V1130110311
CMC S211	Luthi	CDN L-801 M1	CDN M line	2811
CMC S212	Luthi	CDN L-801 M2	CDN M line	2812
CMC S213	Luthi	CDN L-801 M3	CDN M line	2813
CMC S214	EM TEST	VDS200N10	Voltage drope simulator	V1150111222
CMC S215	FCC	F-130A-1	BCI probe	112166
CMC S216	Luthi	MDS21	Absorbing clamp	4101
CMC S217	Schwarzbeck	TK9420	Voltage probe	458
CMC S218	RS	50WCW	Carico 50 Ohm 50W	---
CMC S219	EM TEST	CNV 504 N1.2	Box surge	V1210112161
CMC S220	Minicircuits	PWR-SEN-6GHS	USB POWER SENSOR	110082250012
CMC S221	Minicircuits	BW-N20W5+	Attenuatore 20dB 5W (DC-18GHz)	0612
CMC S222	A-INFOMW	ACB06-100SN	Attenuatore 6dB 100W (DC-3GHz)	J3081111111003
CMC S223	Minicircuits	BW-N20W20+	Attenuatore 20dB 20W (DC-18GHz)	1217
CMC A001	Sispe	F5123	Shield chamber	---
CMC A002	SIDT	951130	Anechoic chamber	---
CMC A007	CMC	10707	Semi-anechoic chamber	---
CMC A008	CMC	BPA	Track for absorbing clamp	---
CMC A013	CMC	TR01	Rotary motorized table	---
CMC A014	CMC	PM01	Antenna positioning Mast	---
CMC B026	Angelantoni	UY 245 IU	Climatic chamber	1059.78
CMC B087	Yokogawa	WT3000	Precision Power analyzer	91JB15155



7. Measurement uncertainty

Test	Expanded Uncertainty	note
Conducted Emission		
(50Ω/50μH AMN) - (9 kHz – 150 kHz)	±3.4 dB	1
(50Ω/50μH AMN) - (150 kHz – 30 MHz)	±2.8 dB	1
(Voltage probe) - (150 kHz – 30 MHz)	±2.8 dB	1
(50Ω/5μH AMN) - (150 kHz – 108 MHz)	±2.4 dB	1
Discontinuous Conducted Emission		
Conducted Emission (50Ω/50μH AMN) - (150 kHz – 30 MHz)	±2.9 dB	1
Disturbance Power (30 MHz – 300 MHz)		
	±2.9 dB	1
Radiated Emission		
(0,150 MHz – 30 MHz)	±4.0 dB	1
(30 MHz – 1000 MHz)	±4.2 dB	1
(1 GHz – 6 GHz)	±3.4 dB	1
Electromagnetic field EMF		
	±15.0 %	1
Harmonic current emissions test		
	±2.5 %	1
Voltage fluctuation and flicker test		
	±4.1 %	1
Insertion loss test		
	±2.2 dB	1
Radiated electromagnetic disturbance test (loop antenna)		
	±1.7 dB	1
Radiated electromagnetic field immunity test		
	0.7 V/m at 3V/m	1
Pulse modulated radiated electromagnetic field immunity test		
	0.7 V/m at 3V/m	1
Injected currents immunity test		
	0.5 V at 3V	1
Bulk current		
	9.2 mA at 60 mA	1
Power frequency magnetic field immunity test		
	0.3 A/m at 3 A/m	1
Electrostatic discharge immunity test		
		2
Electrical fast transients / burst immunity test		
		2
Surge immunity test		
		2
Short interruption immunity test		
		2
Voltage transient emission test		
	±2.2 %	1
Transient immunity test		
		2

Notes

Note 1:

The expanded uncertainty reported according to EN55016-4-2(2004-10) is based on a standard uncertainty multiplied by a coverage factor of k=2, providing a level of confidence of p = 95%

Note 2:

It has been demonstrated that the used test equipment meets the specified requirements in the standard with at least a 95% confidence, covering factor k = 2.



8. Reference documents

Reference no.	Description
FCC Rules and Regulation Title 47 part 15 (2010)	--
Internal Procedure PM001 rev. 2.0 (Quality Manual)	Measure procedure
Internal procedure INC_M rev. 8.1 (Quality Manual)	Measurement uncertainty calculation





9. Deviation from test specification

In agreement with the client, emission tests were performed with peak detector .

At the frequencies where the measures exceed the limit or within 6dB from it, the test was repeated with quasi-peak detector and/or average detector.

10. Test case verdicts

Test case does not apply to the test object..... : N.A.

Test item does meet the requirement..... : Complies

Test item does not meet the requirement..... : Does not comply

Test not performed : N.E.

11. Results

In this clause tests results are reported.

Measurement uncertainty is in accordance with document CMC INC_M rev. 8.1



11.1 Continuous disturbance voltage test (150 kHz – 30 MHz)

Test set-up and execution

- FCC Rules and Regulation; Titles 47 Part. 15.107
- Internal procedure PM001
- See clause 4 of this test report

Test configuration and test method

Test site:
 Shielded chamber

Auxiliary equipment:
 See clause 4 of this test report

EUT exercising

See clause 4 of this test report

Test equipment used

CMC S001, CMC S009, CMC S010
 Measurement uncertainty: See clause 7 of this test report

Test specification

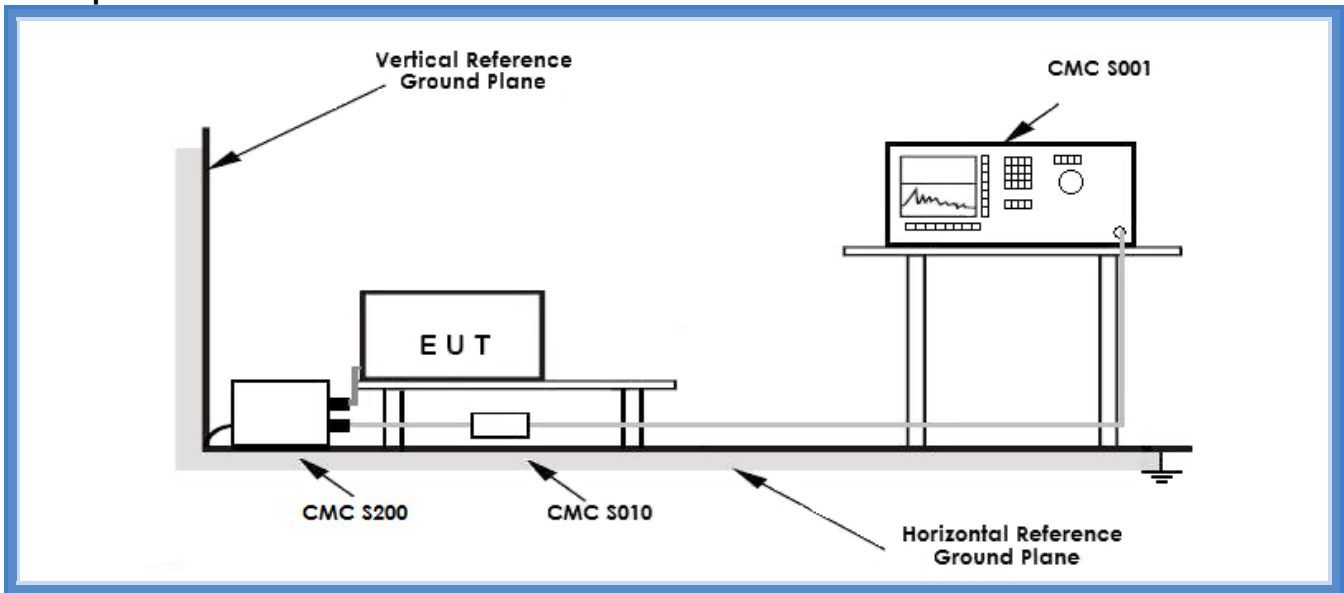
Port: Mains terminal
 Frequency range: 150 kHz – 30 MHz

Acceptance limits

Frequency range (MHz)	Limits for class B equipment	
	dB(μV) Quasi-peak	dB(μV) Average
0,15 to 0,50	66 to 56	56 to 46
0,5 to 5	56	46
5 to 30	60	50



Setup



Result

Line	Graphs	Remarks	Result
L	G12117915	--	Complies
N	G12117916	--	Complies

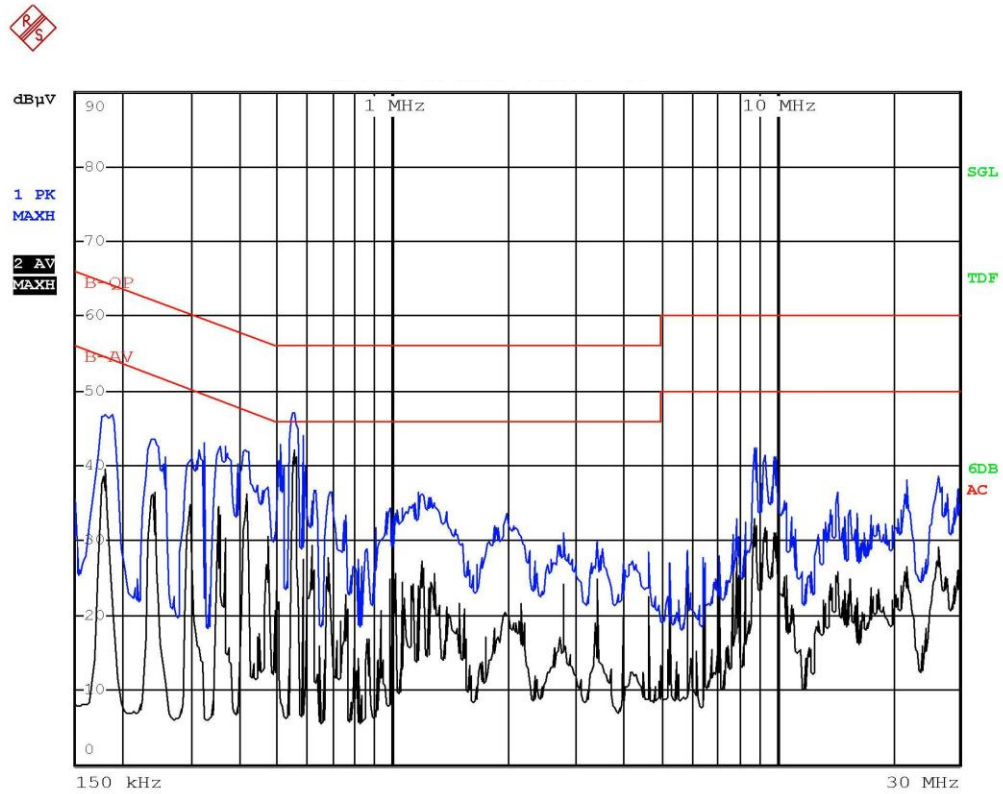
Remarks: Test executed on 230 Vac side of typical power supply

Graphs Legend

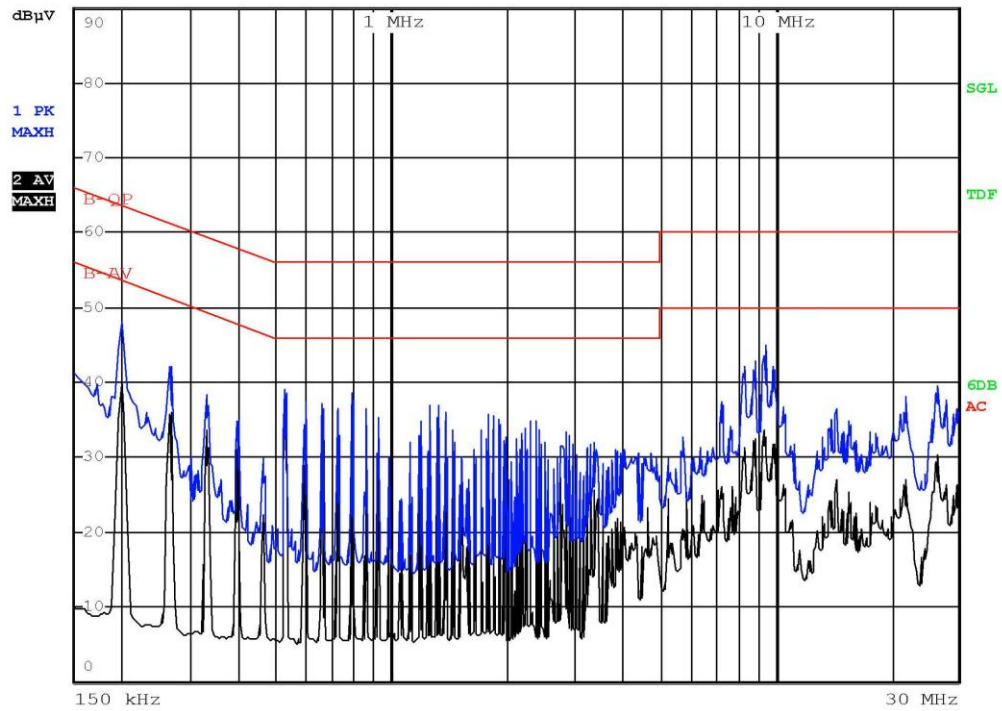
PK: Peak; QP [1s] (quasi-peak at 1 second) values are marked with a X
 AV: Average; AV [1s] (average at 1 second) values are marked with a +



Graphs



Panozzo 12117915 Line L in funzione



Panozzo 12117916 Line N in funzione

Result: The requirements are met



11.2 Radiated disturbance test (30 – 6000 MHz)

Test set-up and execution

- FCC Rules and Regulation; Titles 47 Part. 15.109
- Internal procedure PM001
- See clause 4 of this test report

Test configuration and test method

Test site:
Semi-anechoic chamber

Auxiliary equipment:
See clause 4 of this test report

EUT exercising

See clause 4 of this test report

Test equipment used

CMC S136, CMC S164, CMC A013, CMC A014
Measurement uncertainty: See clause 7 of this test report

Test specification

Port: Enclosure
Frequency range: 30 MHz – 6000 MHz
Antenna polarization: Horizontal (H) – Vertical (V)
EUT – Antenna distance: 3 m

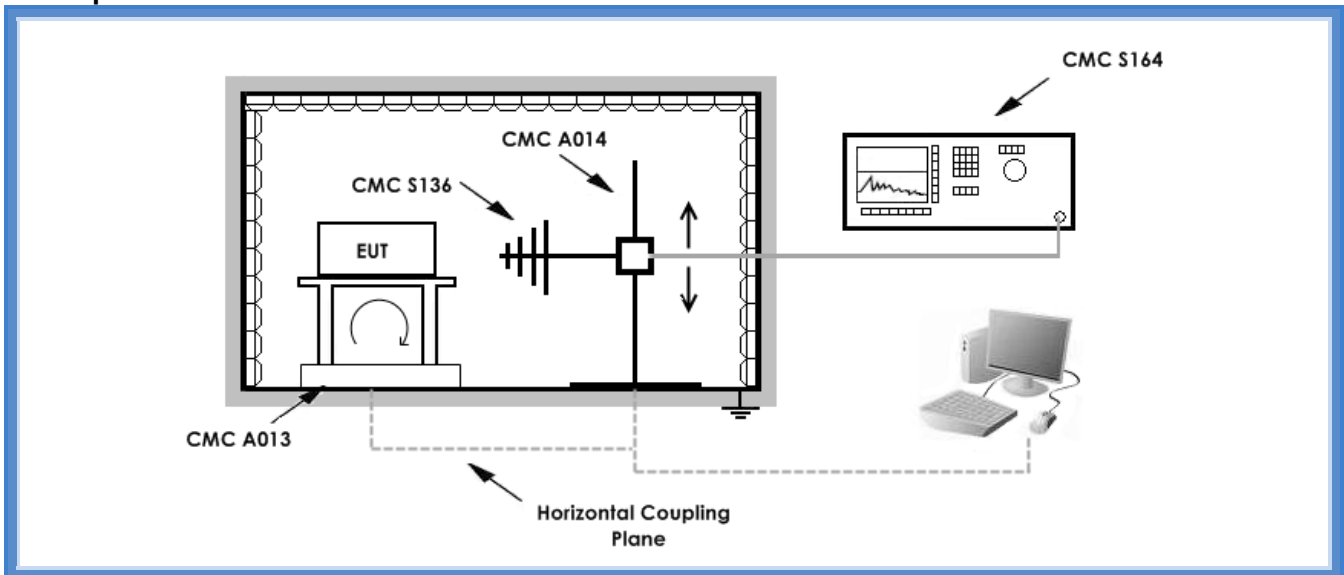
Acceptance limits

Limits for class A equipment	
Frequency range (MHz)	Limits [dB(μV/m)]
30 to 88	49,08
88 to 216	53,52
216 to 960	56,44
960 to 1000	59,54

Limits for class B equipment	
Frequency range (MHz)	Limits [dB(μV/m)]
30 to 88	40
88 to 216	43,52
216 to 960	46,02
960 to 1000	53,98

Limits for class B equipment		
Frequency range (GHz)	Limits [dB(μV/m)] (~)	
	Average Limit	Peak Limit
1 to 3	56	76
3 to 6	60	80

Setup



Result

Polarization	Frequency Range (MHz)	Graphs	Remarks	Result
V	30 – 1000	G12117905	Class B	Complies
H	30 – 1000	G12117906	Class B	Complies
V	1000 – 6000	G12117907	Class B	Complies
H	1000 – 6000	G12117908	Class B	Complies
Remarks:	Peaks out of limits are caused by operating frequency			

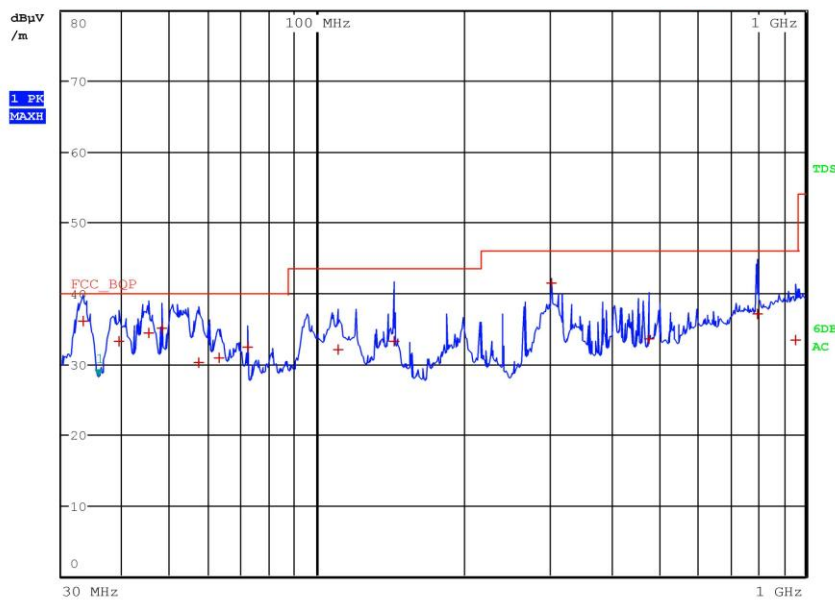
Graphs Legend

PK: Peak; QP [1s] (quasi-peak at 1 second) values are marked with a +
 AV: Average; AV [1s] (average at 1 second) values are marked with a x



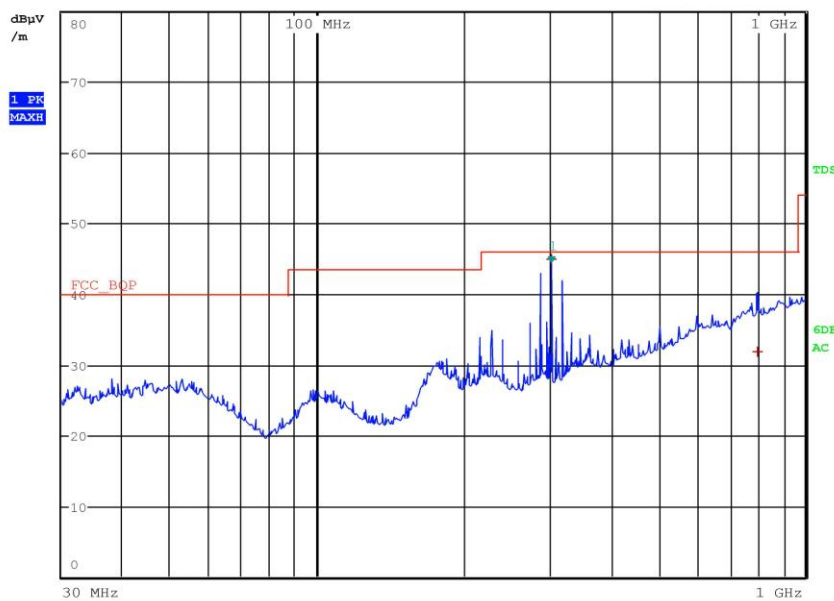
Graphs

Meas Type Emission 30-1000 MHz
Equipment under Test
Manufacturer
OP Condition In diagnosi USB
Operator Panozzo 12117905
Test Spec
Vert.





Meas Type Emission 30-1000 MHz
Equipment under Test
Manufacturer
OP Condition In diagnosi USB
Operator Panozzo 12117906
Test Spec
 Horiz.



Final Measurement

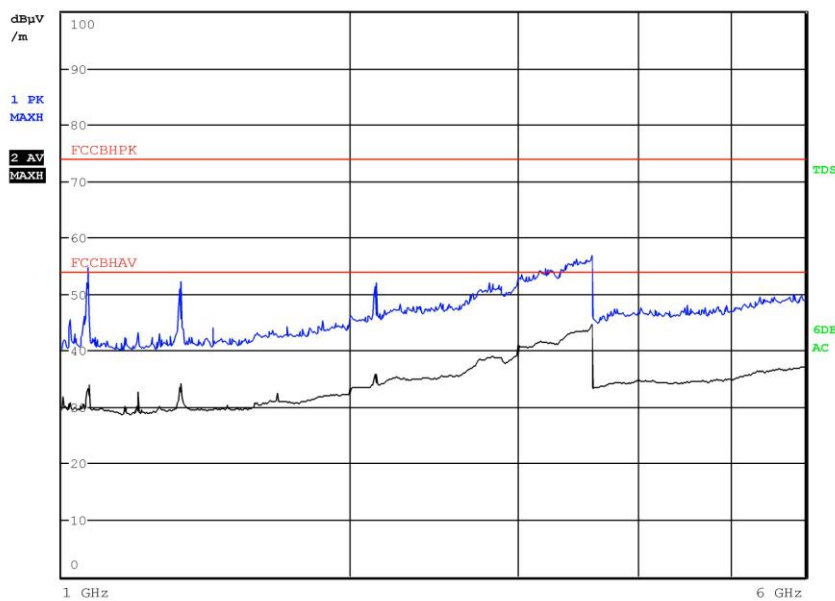
Meas Time: 1 s
 Margin: 6 dB
 Subranges: 2

Trace	Frequency	Level (dBµV/m)	Detector	Delta Limit/dB
1	302.280000000 MHz	45.00	Quasi Peak	-1.02
1	799.560000000 MHz	31.89	Quasi Peak	-14.13

CMC Centro Misure Compatibilità S.r.l.



Meas Type Emission 1000-16000 MHz
Equipment under Test
Manufacturer
OP Condition In diagnosi USB
Operator Panozzo 12117907
Test Spec
Vert.

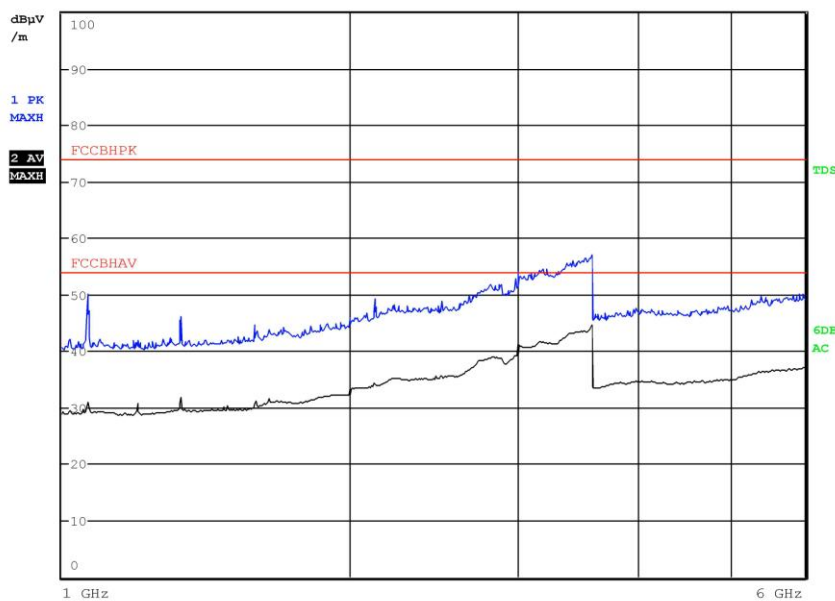


Final Measurement

Meas Time: 1 s
Margin: 6 dB
Subranges: 0



Meas Type Emission 1000-6000 MHz
Equipment under Test
Manufacturer
OP Condition In diagnosi USB
Operator Panozzo 12117908
Test Spec
Horiz.



Final Measurement

Meas Time: 1 s
Margin: 6 dB
Subranges: 0

Result: The requirements are met

ANNEX 1 of document nr. R12117901



Data 29/09/11

Titolo progetto **NAVIGATOR NANO - corpo strumento**

Codice scheda: **3903830**

Distinta materiali:

Codice Texa	Descrizione	Posizione	U.M.	Quantità	MSL	Note
3903831	C.S. PC312.B 6L "SCHEDA NAVIGATOR NANO PTX M.B." - Q2 233.2X115 mm	PCB	Pcs	1		
2700539	Montaggio SC312 "SCHEDA NAVIGATOR NANO PTX M.B." cod. 3903830		Pcs	1		
3900520	BUZZER PIEZO SMD 75db 4KHz PKLCS1212E40A1-R1 MURATA	BZ1	Pcs	1		
3902590	COND. CER. 0201 nF 100 10% X5R K 6V3	C1	Pcs	1		
31C26447050	COND. CER. 0805 nF 470 10% X7R K 50V	C10	PCS	1		
3902595	COND. CER. 0201 pF 22 10% COG K 25V	C100	Pcs	1		
3902590	COND. CER. 0201 nF 100 10% X5R K 6V3	C101	Pcs	1		
3902590	COND. CER. 0201 nF 100 10% X5R K 6V3	C102	Pcs	1		
3902595	COND. CER. 0201 pF 22 10% COG K 25V	C103	Pcs	1		
3902597	COND. CER. 0201 pF 100 10% COG K 25V	C104	Pcs	1		
3901714	COND. CER. 1206 uF 47 20% X5R 6,3V	C105	Pcs	1		
3902597	COND. CER. 0201 pF 100 10% COG K 25V	C106	Pcs	1		
3902590	COND. CER. 0201 nF 100 10% X5R K 6V3	C107	Pcs	1		
3902590	COND. CER. 0201 nF 100 10% X5R K 6V3	C108	Pcs	1		
3902590	COND. CER. 0201 nF 100 10% X5R K 6V3	C109	Pcs	1		
31C46804750	COND. CER. 1210 uF 4,7 10% X7R K 50V	C11	PCS	1		
31C26447050	COND. CER. 0805 nF 470 10% X7R K 50V	C110	PCS	1		
3902590	COND. CER. 0201 nF 100 10% X5R K 6V3	C111	Pcs	1		
3902590	COND. CER. 0201 nF 100 10% X5R K 6V3	C112	Pcs	1		
3902595	COND. CER. 0201 pF 22 10% COG K 25V	C113	Pcs	1		
31CHKE7RH106K	COND. CER. 1210 uF 10 10% X7R K 25V	C115	PCS	1		
3902590	COND. CER. 0201 nF 100 10% X5R K 6V3	C116	Pcs	1		
31C26447050	COND. CER. 0805 nF 470 10% X7R K 50V	C117	PCS	1		
3902590	COND. CER. 0201 nF 100 10% X5R K 6V3	C118	Pcs	1		
3902593	COND. CER. 0201 nF 10 10% X7R K 10V	C119	Pcs	1		
31C46804750	COND. CER. 1210 uF 4,7 10% X7R K 50V	C12	PCS	1		
3902597	COND. CER. 0201 pF 100 10% COG K 25V	C120	Pcs	1		
3902595	COND. CER. 0201 pF 22 10% COG K 25V	C121	Pcs	1		
3902597	COND. CER. 0201 pF 100 10% COG K 25V	C122	Pcs	1		
3902593	COND. CER. 0201 nF 10 10% X7R K 10V	C123	Pcs	1		
3902593	COND. CER. 0201 nF 10 10% X7R K 10V	C124	Pcs	1		
3902590	COND. CER. 0201 nF 100 10% X5R K 6V3	C125	Pcs	1		
3902593	COND. CER. 0201 nF 10 10% X7R K 10V	C126	Pcs	1		
3901941	COND. CER. 0805 uF 4,7 10% X5R K 25V	C127	Pcs	1		
3901941	COND. CER. 0805 uF 4,7 10% X5R K 25V	C128	Pcs	1		
31C08410016	COND. CER. 0402 nF 100 10% X7R K 16V	C129	PCS	1		
3902592	COND. CER. 1206 uF 1 10% X7R K 50V	C13	Pcs	1		
3901941	COND. CER. 0805 uF 4,7 10% X5R K 25V	C131	Pcs	1		
31C08410016	COND. CER. 0402 nF 100 10% X7R K 16V	C132	PCS	1		
31C08410016	COND. CER. 0402 nF 100 10% X7R K 16V	C133	PCS	1		
3108631510	COND. TANTALIO 1206 SMD 15uF 10V TPS LOW ESR - CASE A 3,2X1,6 AVX	C14	PCS	1		
31C08410016	COND. CER. 0402 nF 100 10% X7R K 16V	C15	PCS	1		
3902593	COND. CER. 0201 nF 10 10% X7R K 10V	C16	Pcs	1		
3902593	COND. CER. 0201 nF 10 10% X7R K 10V	C17	Pcs	1		
3108631510	COND. TANTALIO 1206 SMD 15uF 10V TPS LOW ESR - CASE A 3,2X1,6 AVX	C18	PCS	1		
3901941	COND. CER. 0805 uF 4,7 10% X5R K 25V	C19	Pcs	1		
3902590	COND. CER. 0201 nF 100 10% X5R K 6V3	C2	Pcs	1		
3108631510	COND. TANTALIO 1206 SMD 15uF 10V TPS LOW ESR - CASE A 3,2X1,6 AVX	C20	PCS	1		
3901941	COND. CER. 0805 uF 4,7 10% X5R K 25V	C21	Pcs	1		
3108631510	COND. TANTALIO 1206 SMD 15uF 10V TPS LOW ESR - CASE A 3,2X1,6 AVX	C22	PCS	1		
3901941	COND. CER. 0805 uF 4,7 10% X5R K 25V	C23	Pcs	1		
31C08410016	COND. CER. 0402 nF 100 10% X7R K 16V	C24	PCS	1		
31C08410016	COND. CER. 0402 nF 100 10% X7R K 16V	C25	PCS	1		
31C08410016	COND. CER. 0402 nF 100 10% X7R K 16V	C26	PCS	1		
31C08410016	COND. CER. 0402 nF 100 10% X7R K 16V	C27	PCS	1		
31CHKE7RH106K	COND. CER. 1210 uF 10 10% X7R K 25V	C28	PCS	1		
31C08410016	COND. CER. 0402 nF 100 10% X7R K 16V	C29	PCS	1		
3902590	COND. CER. 0201 nF 100 10% X5R K 6V3	C3	Pcs	1		
31C08410016	COND. CER. 0402 nF 100 10% X7R K 16V	C30	PCS	1		
3902595	COND. CER. 0201 pF 22 10% COG K 25V	C31	Pcs	1		
3902595	COND. CER. 0201 pF 22 10% COG K 25V	C32	Pcs	1		
31C08410016	COND. CER. 0402 nF 100 10% X7R K 16V	C33	PCS	1		
31C08410016	COND. CER. 0402 nF 100 10% X7R K 16V	C34	PCS	1		
3902590	COND. CER. 0201 nF 100 10% X5R K 6V3	C35	Pcs	1		
3902590	COND. CER. 0201 nF 100 10% X5R K 6V3	C36	Pcs	1		
3902590	COND. CER. 0201 nF 100 10% X5R K 6V3	C37	Pcs	1		
3902590	COND. CER. 0201 nF 100 10% X5R K 6V3	C38	Pcs	1		
31C08410016	COND. CER. 0402 nF 100 10% X7R K 16V	C39	PCS	1		
3902590	COND. CER. 0201 nF 100 10% X5R K 6V3	C4	Pcs	1		
3902590	COND. CER. 0201 nF 100 10% X5R K 6V3	C40	Pcs	1		
3902590	COND. CER. 0201 nF 100 10% X5R K 6V3	C41	Pcs	1		
31C08410016	COND. CER. 0402 nF 100 10% X7R K 16V	C42	PCS	1		
3901941	COND. CER. 0805 uF 4,7 10% X5R K 25V	C43	Pcs	1		
3902591	COND. CER. 0201 pF 10 10% COG K 25V	C44	Pcs	1		
3902591	COND. CER. 0201 pF 10 10% COG K 25V	C45	Pcs	1		
31C08410016	COND. CER. 0402 nF 100 10% X7R K 16V	C46	PCS	1		
31C08410016	COND. CER. 0402 nF 100 10% X7R K 16V	C47	PCS	1		
31C08410016	COND. CER. 0402 nF 100 10% X7R K 16V	C49	PCS	1		
3902593	COND. CER. 0201 nF 10 10% X7R K 10V	C5	Pcs	1		
3108631510	COND. TANTALIO 1206 SMD 15uF 10V TPS LOW ESR - CASE A 3,2X1,6 AVX	C50	PCS	1		
3108631510	COND. TANTALIO 1206 SMD 15uF 10V TPS LOW ESR - CASE A 3,2X1,6 AVX	C51	PCS	1		
3902590	COND. CER. 0201 nF 100 10% X5R K 6V3	C52	Pcs	1		
3902590	COND. CER. 0201 nF 100 10% X5R K 6V3	C53	Pcs	1		
3902590	COND. CER. 0201 nF 100 10% X5R K 6V3	C54	Pcs	1		
3902590	COND. CER. 0201 nF 100 10% X5R K 6V3	C55	Pcs	1		
3902590	COND. CER. 0201 nF 100 10% X5R K 6V3	C56	Pcs	1		
3902590	COND. CER. 0201 nF 100 10% X5R K 6V3	C57	Pcs	1		
3108631510	COND. TANTALIO 1206 SMD 15uF 10V TPS LOW ESR - CASE A 3,2X1,6 AVX	C58	PCS	1		
3902590	COND. CER. 0201 nF 100 10% X5R K 6V3	C6	Pcs	1		
3902590	COND. CER. 0201 nF 100 10% X5R K 6V3	C60	Pcs	1		
3902590	COND. CER. 0201 nF 100 10% X5R K 6V3	C61	Pcs	1		
3902590	COND. CER. 0201 nF 100 10% X5R K 6V3	C62	Pcs	1		
3902590	COND. CER. 0201 nF 100 10% X5R K 6V3	C64	Pcs	1		



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Codice scheda:

3903830

31C06410016	COND. CER. 0402 nF 100	10% X7R K 18V	C65	PCS	1
31C06410016	COND. CER. 0402 nF 100	10% X7R K 18V	C67	PCS	1
3902759	COND. CER. 0402 pF 100	10% COG K 50V	C68	Pcs	1
3901941	COND. CER. 0805 uF 4,7	10% X5R K 25V	C69	Pcs	1
3902593	COND. CER. 0201 nF 10	10% X7R K 10V	C7	Pcs	1
3901941	COND. CER. 0805 uF 4,7	10% X5R K 25V	C70	Pcs	1
3902591	COND. CER. 0201 pF 10	10% COG K 25V	C71	Pcs	1
3902591	COND. CER. 0201 pF 10	10% COG K 25V	C72	Pcs	1
3902590	COND. CER. 0201 nF 100	10% X5R K 6V3	C73	Pcs	1
3902591	COND. CER. 0201 pF 10	10% COG K 25V	C74	Pcs	1
3902591	COND. CER. 0201 pF 10	10% COG K 25V	C75	Pcs	1
3902590	COND. CER. 0201 nF 100	10% X5R K 6V3	C76	Pcs	1
3106631510	COND. TANTALIO 1206 SMD	15uF 10V TPS LOW ESR - CASE A 3,2X1,6 AVX	C77	PCS	1
3902593	COND. CER. 0201 nF 10	10% X7R K 10V	C78	Pcs	1
3902593	COND. CER. 0201 nF 10	10% X7R K 10V	C79	Pcs	1
3902590	COND. CER. 0201 nF 100	10% X5R K 6V3	C8	Pcs	1
3106631510	COND. TANTALIO 1206 SMD	15uF 10V TPS LOW ESR - CASE A 3,2X1,6 AVX	C80	PCS	1
3902590	COND. CER. 0201 nF 100	10% X5R K 6V3	C81	Pcs	1
3106631510	COND. TANTALIO 1206 SMD	15uF 10V TPS LOW ESR - CASE A 3,2X1,6 AVX	C82	PCS	1
3902590	COND. CER. 0201 nF 100	10% X5R K 6V3	C83	Pcs	1
3902590	COND. CER. 0201 nF 100	10% X5R K 6V3	C84	Pcs	1
3902590	COND. CER. 0201 nF 100	10% X5R K 6V3	C85	Pcs	1
3901941	COND. CER. 0805 uF 4,7	10% X5R K 25V	C86	Pcs	1
3902590	COND. CER. 0201 nF 100	10% X5R K 6V3	C87	Pcs	1
3902593	COND. CER. 0201 nF 10	10% X7R K 10V	C88	Pcs	1
3902590	COND. CER. 0201 nF 100	10% X5R K 6V3	C89	Pcs	1
3902590	COND. CER. 0201 nF 100	10% X5R K 6V3	C9	Pcs	1
3902590	COND. CER. 0201 nF 100	10% X5R K 6V3	C90	Pcs	1
3902590	COND. CER. 0201 nF 100	10% X5R K 6V3	C96	Pcs	1
3902590	COND. CER. 0201 nF 100	10% X5R K 6V3	C97	Pcs	1
3902590	COND. CER. 0201 nF 100	10% X5R K 6V3	C98	Pcs	1
3902595	COND. CER. 0201 pF 22	10% COG K 25V	C99	Pcs	1
3901907	INT. NUP2105LT	SOT-23 CAN PROTECTION - ON SEMICONDUCTOR	D1	Pcs	1
3902599	DIODO S1PD - 200V	1A SMD DO-220AA(SMP) - VISHAY	D10	Pcs	1
3902602	DIODO ZENER SMD	BZX884-B24 24V 0.25W SOD882 - NXP	D11	Pcs	1
3903014	DIODO ZENER SMD	BZX884-B16 16V 0.25W SOD882 - NXP	D12	Pcs	1
3902598	DIODO ZENER SMD	BZX884-B8V2 8V2 0.25W SOD882 - NXP	D13	Pcs	1
3902598	DIODO ZENER SMD	BZX884-B8V2 8V2 0.25W SOD882 - NXP	D14	Pcs	1
3901902	DIODO BAV99W	SMD SC-70 - SWITCHING DOPPIO IN SERIE NXP	D15	Pcs	1
3902598	DIODO ZENER SMD	BZX884-B8V2 8V2 0.25W SOD882 - NXP	D17	Pcs	1
3901902	DIODO BAV99W	SMD SC-70 - SWITCHING DOPPIO IN SERIE NXP	D19	Pcs	1
3901907	INT. NUP2105LT	SOT-23 CAN PROTECTION - ON SEMICONDUCTOR	D2	Pcs	1
3901902	DIODO BAV99W	SMD SC-70 - SWITCHING DOPPIO IN SERIE NXP	D20	Pcs	1
3901902	DIODO BAV99W	SMD SC-70 - SWITCHING DOPPIO IN SERIE NXP	D22	Pcs	1
3901902	DIODO BAV99W	SMD SC-70 - SWITCHING DOPPIO IN SERIE NXP	D23	Pcs	1
3901902	DIODO BAV99W	SMD SC-70 - SWITCHING DOPPIO IN SERIE NXP	D24	Pcs	1
3901902	DIODO BAV99W	SMD SC-70 - SWITCHING DOPPIO IN SERIE NXP	D25	Pcs	1
3901902	DIODO BAV99W	SMD SC-70 - SWITCHING DOPPIO IN SERIE NXP	D26	Pcs	1
3902272	DIODO BAT54XV2T1G	- SCHOTTKY SMD 30V 0.2W SOD523	D27	Pcs	1
3901902	DIODO BAV99W	SMD SC-70 - SWITCHING DOPPIO IN SERIE NXP	D28	Pcs	1
3901902	DIODO BAV99W	SMD SC-70 - SWITCHING DOPPIO IN SERIE NXP	D29	Pcs	1
3901907	INT. NUP2105LT	SOT-23 CAN PROTECTION - ON SEMICONDUCTOR	D3	Pcs	1
3901902	DIODO BAV99W	SMD SC-70 - SWITCHING DOPPIO IN SERIE NXP	D30	Pcs	1
3902601	DIODO MSS1P4	SCHOTTKY 40V 1A SMD MicroSMP - VISHAY	D31	Pcs	1
3901907	INT. NUP2105LT	SOT-23 CAN PROTECTION - ON SEMICONDUCTOR	D34	Pcs	1
3901907	INT. NUP2105LT	SOT-23 CAN PROTECTION - ON SEMICONDUCTOR	D4	Pcs	1
3901907	INT. NUP2105LT	SOT-23 CAN PROTECTION - ON SEMICONDUCTOR	D5	Pcs	1
3901907	INT. NUP2105LT	SOT-23 CAN PROTECTION - ON SEMICONDUCTOR	D6	Pcs	1
3901907	INT. NUP2105LT	SOT-23 CAN PROTECTION - ON SEMICONDUCTOR	D7	Pcs	1
3902601	DIODO MSS1P4	SCHOTTKY 40V 1A SMD MicroSMP - VISHAY	D8	Pcs	1
3901006	DIODO MBR0540T1G	- SCHOTTKY 0,5A 40V SOD123	D9	Pcs	1
376014	LED SMD 0805	BLU - KINGBRIGHT	DL1	PCS	1 3
3902966	LED SMD BIANCO	0,5W 5000K° 20lm PLCC 4 120°	DL2	Pcs	1
376012	LED SMD 0805	VERDE - KINGBRIGHT	DL3	PCS	1 2a
3903214	DIODO MSS2P3	SCHOTTKY 30V 2A SMD MicroSMP - VISHAY	DS1	Pcs	1
3903214	DIODO MSS2P3	SCHOTTKY 30V 2A SMD MicroSMP - VISHAY	DS2	Pcs	1
3902607	FUSIBILE RIPRISTINABILE	1812 SMD 0,75A 24V POLYSWITCH - BOURNS MF- F1	J1	Pcs	1
3903242	CONN. OBD MASCHIO	16 VIE NERO PER NAVIGATOR NANO	J1	Pcs	1
3903872	PC368	DISTANZIALE PER CONN. OBD IN FR4 SP. 0,2 mm	J1 Bis	Pcs	1
3903117	CONN. PICOBLADE	2p M. 90° SMD P1.25 - ART. 53261-0271 MOLEX	J2	Pcs	1
3901947	CONN. SMD MINI	USB-B 0675031020 MOLEX	J3	Pcs	1
3901778	CONN. PICOBLADE	8p M. 90° SMD P1.25 - ART. 53261-0871 MOLEX	J4	Pcs	1
3903114	CONN. POWER JACK	0,65 mm PJ-040-SMT CUI INC	J5	Pcs	1
3902606	FILTRO EMI SMD	0402 600R 300mA - MURATA BLM15AG601SN1	L1	Pcs	1
3902606	FILTRO EMI SMD	0402 600R 300mA - MURATA BLM15AG601SN1	L10	Pcs	1
3902606	FILTRO EMI SMD	0402 600R 300mA - MURATA BLM15AG601SN1	L11	Pcs	1
3902606	FILTRO EMI SMD	0402 600R 300mA - MURATA BLM15AG601SN1	L12	Pcs	1
3162300020	FERRITE SMD 0805	220R/100MHz 2A 0805 - TIPO BLM21PG221SN1 MURATA	L13	PCS	1
3162300020	FERRITE SMD 0805	220R/100MHz 2A 0805 - TIPO BLM21PG221SN1 MURATA	L14	PCS	1
3902606	FILTRO EMI SMD	0402 600R 300mA - MURATA BLM15AG601SN1	L15	Pcs	1
3162300020	FERRITE SMD 0805	220R/100MHz 2A 0805 - TIPO BLM21PG221SN1 MURATA	L16	PCS	1
3903215	INDUTTANZA SMD	10uH 1850mA - CDRH5D28RHPNP100MC SUMIDA	L17	Pcs	1
3900926	INDUTTANZA SMD	10uH 1300mA - CDRH4D22HPNP100MC SUMIDA	L18	Pcs	1
3162300020	FERRITE SMD 0805	220R/100MHz 2A 0805 - TIPO BLM21PG221SN1 MURATA	L19	PCS	1
3902606	FILTRO EMI SMD	0402 600R 300mA - MURATA BLM15AG601SN1	L2	Pcs	1
3900926	INDUTTANZA SMD	10uH 1300mA - CDRH4D22HPNP100MC SUMIDA	L20	Pcs	1
3902606	FILTRO EMI SMD	0402 600R 300mA - MURATA BLM15AG601SN1	L21	Pcs	1
3902606	FILTRO EMI SMD	0402 600R 300mA - MURATA BLM15AG601SN1	L22	Pcs	1
3902606	FILTRO EMI SMD	0402 600R 300mA - MURATA BLM15AG601SN1	L23	Pcs	1
3162300020	FERRITE SMD 0805	220R/100MHz 2A 0805 - TIPO BLM21PG221SN1 MURATA	L24	PCS	1
3162501470	FILTRO EMI SMD	0803 470R 200mA 50Vdc - MURATA BLM18AG471SH1	L25	PCS	1
3162300020	FERRITE SMD 0805	220R/100MHz 2A 0805 - TIPO BLM21PG221SN1 MURATA	L26	PCS	1
3162300020	FERRITE SMD 0805	220R/100MHz 2A 0805 - TIPO BLM21PG221SN1 MURATA	L27	PCS	1
3900926	INDUTTANZA SMD	10uH 1300mA - CDRH4D22HPNP100MC SUMIDA	L28	Pcs	1
3162300020	FERRITE SMD 0805	220R/100MHz 2A 0805 - TIPO BLM21PG221SN1 MURATA	L29	PCS	1
3902606	FILTRO EMI SMD	0402 600R 300mA - MURATA BLM15AG601SN1	L3	Pcs	1



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Codice scheda:		3903830			
3902806	FILTRO EMI SMD 0402 600R 300mA - MURATA BLM15AG601SN1	L30	Pcs	1	
3902806	FILTRO EMI SMD 0402 600R 300mA - MURATA BLM15AG601SN1	L31	Pcs	1	
3902806	FILTRO EMI SMD 0402 600R 300mA - MURATA BLM15AG601SN1	L32	Pcs	1	
3902806	FILTRO EMI SMD 0402 600R 300mA - MURATA BLM15AG601SN1	L33	Pcs	1	
3902806	FILTRO EMI SMD 0402 600R 300mA - MURATA BLM15AG601SN1	L34	Pcs	1	
3162300020	FERRITE SMD 0805 220R/100MHz 2A 0805 - TIPO BLM21PG221SN1 MURATA	L35	PCS	1	
3902806	FILTRO EMI SMD 0402 600R 300mA - MURATA BLM15AG601SN1	L4	Pcs	1	
3902806	FILTRO EMI SMD 0402 600R 300mA - MURATA BLM15AG601SN1	L5	Pcs	1	
3902806	FILTRO EMI SMD 0402 600R 300mA - MURATA BLM15AG601SN1	L6	Pcs	1	
3902806	FILTRO EMI SMD 0402 600R 300mA - MURATA BLM15AG601SN1	L7	Pcs	1	
3902806	FILTRO EMI SMD 0402 600R 300mA - MURATA BLM15AG601SN1	L8	Pcs	1	
3902806	FILTRO EMI SMD 0402 600R 300mA - MURATA BLM15AG601SN1	L9	Pcs	1	
3902808	TRANS. MOSFET-P NTS2101PT1G 8V 1.4A SMD SC-70 - ON SEMI	Q1	Pcs	1	
3902128	TRANS. MOSFET-N NTS4001NT1G 30V 270mA SMD SC-70 - ON SEMI	Q10	Pcs	1	
33TRASMDB817	TRANS. BC817-25 NPN SMD SOT23	Q13	PCS	1	
3902128	TRANS. MOSFET-N NTS4001NT1G 30V 270mA SMD SC-70 - ON SEMI	Q14	Pcs	1	
3901909	TRANS. BC807-25W PNP SMD SC-70 NXP	Q15	Pcs	1	
3901910	TRANS. BC817-25W NPN SMD SC-70 NXP	Q16	Pcs	1	
3902128	TRANS. MOSFET-N NTS4001NT1G 30V 270mA SMD SC-70 - ON SEMI	Q18	Pcs	1	
3901909	TRANS. BC807-25W PNP SMD SC-70 NXP	Q19	Pcs	1	
3902128	TRANS. MOSFET-N NTS4001NT1G 30V 270mA SMD SC-70 - ON SEMI	Q2	Pcs	1	
3901910	TRANS. BC817-25W NPN SMD SC-70 NXP	Q20	Pcs	1	
3902128	TRANS. MOSFET-N NTS4001NT1G 30V 270mA SMD SC-70 - ON SEMI	Q21	Pcs	1	
33TRASMDB807	TRANS. BC807-25 PNP SMD SOT23	Q24	PCS	1	
3902128	TRANS. MOSFET-N NTS4001NT1G 30V 270mA SMD SC-70 - ON SEMI	Q26	Pcs	1	
3902128	TRANS. MOSFET-N NTS4001NT1G 30V 270mA SMD SC-70 - ON SEMI	Q28	Pcs	1	
3902128	TRANS. MOSFET-N NTS4001NT1G 30V 270mA SMD SC-70 - ON SEMI	Q29	Pcs	1	
3902128	TRANS. MOSFET-N NTS4001NT1G 30V 270mA SMD SC-70 - ON SEMI	Q3	Pcs	1	
3901910	TRANS. BC817-25W NPN SMD SC-70 NXP	Q30	Pcs	1	
3901910	TRANS. BC817-25W NPN SMD SC-70 NXP	Q31	Pcs	1	
3902128	TRANS. MOSFET-N NTS4001NT1G 30V 270mA SMD SC-70 - ON SEMI	Q32	Pcs	1	
33TRASMDB817	TRANS. BC817-25 NPN SMD SOT23	Q33	PCS	1	
33TRASMDB817	TRANS. BC817-25 NPN SMD SOT23	Q34	PCS	1	
3901910	TRANS. BC817-25W NPN SMD SC-70 NXP	Q35	Pcs	1	
3902128	TRANS. MOSFET-N NTS4001NT1G 30V 270mA SMD SC-70 - ON SEMI	Q36	Pcs	1	
3901909	TRANS. BC807-25W PNP SMD SC-70 NXP	Q37	Pcs	1	
33TRASMDB817	TRANS. BC817-25 NPN SMD SOT23	Q38	PCS	1	
33TRASMDB807	TRANS. BC807-25 PNP SMD SOT23	Q39	PCS	1	
3902812	TRANS. BF820W NPN SMD SC-70 - NXP	Q4	Pcs	1	
3901910	TRANS. BC817-25W NPN SMD SC-70 NXP	Q40	Pcs	1	
3902812	TRANS. BF820W NPN SMD SC-70 - NXP	Q5	Pcs	1	
3902811	TRANS. MOSFET-P 150V Si3437DV SMD TSOP-6 - VISHAY	Q6	Pcs	1	
3902811	TRANS. MOSFET-P 150V Si3437DV SMD TSOP-6 - VISHAY	Q7	Pcs	1	
3902812	TRANS. BF820W NPN SMD SC-70 - NXP	Q8	Pcs	1	
3902812	TRANS. BF820W NPN SMD SC-70 - NXP	Q9	Pcs	1	
3903808	RES. 0402 ohm 180 F 1%	R1	Pcs	1	
200160000	RES. 0603 ohm 0 J 5%	R10	PCS	1	
3902834	RES. 0201 ohm 180 F 1% 25V	R100	Pcs	1	
3902815	RES. 0201 Kohm 10 F 1% 25V	R101	Pcs	1	
3902834	RES. 0201 ohm 180 F 1% 25V	R102	Pcs	1	
3902834	RES. 0201 ohm 180 F 1% 25V	R103	Pcs	1	
3902834	RES. 0201 ohm 180 F 1% 25V	R104	Pcs	1	
3902834	RES. 0201 ohm 180 F 1% 25V	R105	Pcs	1	
3902834	RES. 0201 ohm 180 F 1% 25V	R106	Pcs	1	
3902834	RES. 0201 ohm 180 F 1% 25V	R107	Pcs	1	
3902834	RES. 0201 ohm 180 F 1% 25V	R108	Pcs	1	
200241560	RES. 0805 ohm 560 F 1%	R109	PCS	1	
200141330	RES. 0603 ohm 330 F 1%	R11	PCS	1	
3902834	RES. 0201 ohm 180 F 1% 25V	R110	Pcs	1	
3902834	RES. 0201 ohm 180 F 1% 25V	R111	Pcs	1	
3902834	RES. 0201 ohm 180 F 1% 25V	R112	Pcs	1	
3902834	RES. 0201 ohm 180 F 1% 25V	R113	Pcs	1	
3902834	RES. 0201 ohm 180 F 1% 25V	R114	Pcs	1	
3902834	RES. 0201 ohm 180 F 1% 25V	R115	Pcs	1	
3902834	RES. 0201 ohm 180 F 1% 25V	R116	Pcs	1	
3901955	RES. 0603 ohm 4,7 F 1%	R117	Pcs	1	
3901955	RES. 0603 ohm 4,7 F 1%	R118	Pcs	1	
3902823	RES. 0201 Kohm 300 F 1% 25V	R119	Pcs	1	
200143022	RES. 0603 Kohm 2,2 F 1%	R12	PCS	1	
3902831	RES. 0201 Kohm 4,7 F 1% 25V	R121	Pcs	1	
3902831	RES. 0201 Kohm 4,7 F 1% 25V	R122	Pcs	1	
3902831	RES. 0201 Kohm 4,7 F 1% 25V	R123	Pcs	1	
3902831	RES. 0201 Kohm 4,7 F 1% 25V	R124	Pcs	1	
3902834	RES. 0201 ohm 180 F 1% 25V	R125	Pcs	1	
200232011	RES. 0805 Kohm 1,1 F 0,5%	R126	PCS	1	
3902834	RES. 0201 ohm 180 F 1% 25V	R127	Pcs	1	
3902815	RES. 0201 Kohm 10 F 1% 25V	R128	Pcs	1	
3902815	RES. 0201 Kohm 10 F 1% 25V	R129	Pcs	1	
200143022	RES. 0603 Kohm 2,2 F 1%	R13	PCS	1	
3902834	RES. 0201 ohm 180 F 1% 25V	R130	Pcs	1	
3902813	RES. 0201 ohm 0 J 25V 0,5A	R131	Pcs	1	
3902815	RES. 0201 Kohm 10 F 1% 25V	R132	Pcs	1	
3902833	RES. 0201 Kohm 2,7 F 1% 25V	R133	Pcs	1	
3902813	RES. 0201 ohm 0 J 25V 0,5A	R134	Pcs	1	
3902831	RES. 0201 Kohm 4,7 F 1% 25V	R136	Pcs	1	
3902831	RES. 0201 Kohm 4,7 F 1% 25V	R137	Pcs	1	
3902831	RES. 0201 Kohm 4,7 F 1% 25V	R138	Pcs	1	
3902831	RES. 0201 Kohm 4,7 F 1% 25V	R139	Pcs	1	
3902821	RES. 0201 Kohm 47 F 1% 25V	R14	Pcs	1	
3902831	RES. 0201 Kohm 4,7 F 1% 25V	R140	Pcs	1	
200141330	RES. 0603 ohm 330 F 1%	R141	PCS	1	
3902823	RES. 0201 Kohm 300 F 1% 25V	R142	Pcs	1	
3900894	RES. 0402 Kohm 1 F 1%	R144	Pcs	1	
200044100	RES. 0402 Kohm 100 F 1%	R145	PCS	1	
200044100	RES. 0402 Kohm 100 F 1%	R146	PCS	1	
200044100	RES. 0402 Kohm 100 F 1%	R147	PCS	1	



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Codice scheda:				3903830			
200044100	RES. 0402	Kohm	100	F 1%	R148	PCS	1
200043100	RES. 0402	Kohm	10	F 1%	R149	PCS	1
3902615	RES. 0201	Kohm	10	F 1% 25V	R15	Pos	1
3902615	RES. 0201	Kohm	10	F 1% 25V	R150	Pos	1
3902615	RES. 0201	Kohm	10	F 1% 25V	R151	Pos	1
3902615	RES. 0201	Kohm	10	F 1% 25V	R152	Pos	1
3902615	RES. 0201	Kohm	10	F 1% 25V	R153	Pos	1
3902615	RES. 0201	Kohm	10	F 1% 25V	R154	Pos	1
3902615	RES. 0201	Kohm	10	F 1% 25V	R155	Pos	1
3902615	RES. 0201	Kohm	10	F 1% 25V	R156	Pos	1
3902613	RES. 0201	ohm	0	J 25V 0,5A	R157	Pos	1
3902613	RES. 0201	ohm	0	J 25V 0,5A	R158	Pos	1
3902613	RES. 0201	ohm	0	J 25V 0,5A	R159	Pos	1
3902631	RES. 0201	Kohm	4,7	F 1% 25V	R16	Pos	1
3902632	RES. 0201	Kohm	1	F 1% 25V	R160	Pos	1
3902615	RES. 0201	Kohm	10	F 1% 25V	R161	Pos	1
3902613	RES. 0201	ohm	0	J 25V 0,5A	R162	Pos	1
3902613	RES. 0201	ohm	0	J 25V 0,5A	R163	Pos	1
200141220	RES. 0603	ohm	220	F 1%	R164	PCS	1
3902613	RES. 0201	ohm	0	J 25V 0,5A	R165	Pos	1
3902613	RES. 0201	ohm	0	J 25V 0,5A	R167	Pos	1
3902613	RES. 0201	ohm	0	J 25V 0,5A	R168	Pos	1
3902632	RES. 0201	Kohm	1	F 1% 25V	R17	Pos	1
3902621	RES. 0201	Kohm	47	F 1% 25V	R170	Pos	1
3902623	RES. 0201	Kohm	300	F 1% 25V	R171	Pos	1
200141100	RES. 0603	ohm	100	F 1%	R172	PCS	1
3902613	RES. 0201	ohm	0	J 25V 0,5A	R173	Pos	1
3902615	RES. 0201	Kohm	10	F 1% 25V	R174	Pos	1
3902632	RES. 0201	Kohm	1	F 1% 25V	R18	Pos	1
3902615	RES. 0201	Kohm	10	F 1% 25V	R181	Pos	1
3902613	RES. 0201	ohm	0	J 25V 0,5A	R182	Pos	1
3902615	RES. 0201	Kohm	10	F 1% 25V	R183	Pos	1
3902613	RES. 0201	ohm	0	J 25V 0,5A	R184	Pos	1
3902615	RES. 0201	Kohm	10	F 1% 25V	R186	Pos	1
3902615	RES. 0201	Kohm	10	F 1% 25V	R188	Pos	1
3902613	RES. 0201	ohm	0	J 25V 0,5A	R189	Pos	1
3902629	RES. 0603	Kohm	100	F 1% 75V	R19	Pos	1
3902615	RES. 0201	Kohm	10	F 1% 25V	R190	Pos	1
3902626	RES. 0603	Mohm	1	F 1% 75V	R191	Pos	1
3902613	RES. 0201	ohm	0	J 25V 0,5A	R192	Pos	1
3902397	RES. 0402	ohm	33	F 1%	R193	Pos	1
200143619	RES. 0603	Kohm	61,9	F 1%	R195	PCS	1
200144604	RES. 0603	Kohm	604	F 1%	R196	PCS	1
200144604	RES. 0603	Kohm	604	F 1%	R197	PCS	1
3902613	RES. 0201	ohm	0	J 25V 0,5A	R198	Pos	1
3902615	RES. 0201	Kohm	10	F 1% 25V	R199	Pos	1
3903808	RES. 0402	ohm	180	F 1%	R2	Pos	1
3902630	RES. 0201	Kohm	100	F 1% 25V	R20	Pos	1
3902615	RES. 0201	Kohm	10	F 1% 25V	R200	Pos	1
200143619	RES. 0603	Kohm	61,9	F 1%	R201	PCS	1
3902631	RES. 0201	Kohm	4,7	F 1% 25V	R202	Pos	1
3902615	RES. 0201	Kohm	10	F 1% 25V	R203	Pos	1
3902615	RES. 0201	Kohm	10	F 1% 25V	R204	Pos	1
3902994	RES. 0201	Kohm	2,2	F 1% 25V	R205	Pos	1
3902507	RES. 0603	ohm	150	F 1%	R206	Pos	1
3902617	RES. 0201	Kohm	15	F 1% 25V	R207	Pos	1
200141100	RES. 0603	ohm	100	F 1%	R208	PCS	1
200141100	RES. 0603	ohm	100	F 1%	R209	PCS	1
3902623	RES. 0201	Kohm	300	F 1% 25V	R21	Pos	1
3902631	RES. 0201	Kohm	4,7	F 1% 25V	R210	Pos	1
200140010	RES. 0603	ohm	1	F 1%	R211	PCS	1
3901036	RES. 0603	Kohm	75	F 1%	R212	Pos	1
3902994	RES. 0201	Kohm	2,2	F 1% 25V	R213	Pos	1
3902615	RES. 0201	Kohm	10	F 1% 25V	R215	Pos	1
3902630	RES. 0201	Kohm	100	F 1% 25V	R217	Pos	1
3902615	RES. 0201	Kohm	10	F 1% 25V	R218	Pos	1
3902632	RES. 0201	Kohm	1	F 1% 25V	R219	Pos	1
3902621	RES. 0201	Kohm	47	F 1% 25V	R22	Pos	1
200361003	RES. 1206	ohm	0,33	J 5% 1/4W	R220	PCS	1
3902615	RES. 0201	Kohm	10	F 1% 25V	R221	Pos	1
3902615	RES. 0201	Kohm	10	F 1% 25V	R222	Pos	1
3902630	RES. 0201	Kohm	100	F 1% 25V	R223	Pos	1
200141100	RES. 0603	ohm	100	F 1%	R224	PCS	1
3902615	RES. 0201	Kohm	10	F 1% 25V	R225	Pos	1
3902634	RES. 0201	ohm	180	F 1% 25V	R226	Pos	1
3902618	RES. 0201	Kohm	22	F 1% 25V	R227	Pos	1
200143330	RES. 0603	Kohm	33	F 1%	R228	PCS	1
3902631	RES. 0201	Kohm	4,7	F 1% 25V	R229	Pos	1
3902626	RES. 0603	Mohm	1	F 1% 75V	R23	Pos	1
3902615	RES. 0201	Kohm	10	F 1% 25V	R230	Pos	1
3902631	RES. 0201	Kohm	4,7	F 1% 25V	R231	Pos	1
3902618	RES. 0201	Kohm	22	F 1% 25V	R232	Pos	1
3903037	RES. 0201	Kohm	3,3	F 1% 25V	R233	Pos	1
3902631	RES. 0201	Kohm	4,7	F 1% 25V	R234	Pos	1
3902631	RES. 0201	Kohm	4,7	F 1% 25V	R235	Pos	1
3902632	RES. 0201	Kohm	1	F 1% 25V	R236	Pos	1
3902994	RES. 0201	Kohm	2,2	F 1% 25V	R237	Pos	1
3902615	RES. 0201	Kohm	10	F 1% 25V	R238	Pos	1
200141100	RES. 0603	ohm	100	F 1%	R239	PCS	1
200144470	RES. 0603	Kohm	470	F 1%	R24	PCS	1
3902623	RES. 0201	Kohm	300	F 1% 25V	R240	Pos	1
3902634	RES. 0201	ohm	180	F 1% 25V	R241	Pos	1
3902634	RES. 0201	ohm	180	F 1% 25V	R242	Pos	1
3902634	RES. 0201	ohm	180	F 1% 25V	R243	Pos	1
3902634	RES. 0201	ohm	180	F 1% 25V	R244	Pos	1
3902634	RES. 0201	ohm	180	F 1% 25V	R245	Pos	1

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Codice scheda:		3903830			
3902634	RES. 0201 ohm 180 F 1% 25V	R246	Pcs	1	
3902634	RES. 0201 ohm 180 F 1% 25V	R247	Pcs	1	
3902634	RES. 0201 ohm 180 F 1% 25V	R248	Pcs	1	
3902634	RES. 0201 ohm 180 F 1% 25V	R249	Pcs	1	
3902623	RES. 0201 Kohm 300 F 1% 25V	R25	Pcs	1	
3902634	RES. 0201 ohm 180 F 1% 25V	R250	Pcs	1	
3902615	RES. 0201 Kohm 10 F 1% 25V	R26	Pcs	1	
3902625	RES. 0603 Kohm 1 F 1% 75V	R27	Pcs	1	
3902631	RES. 0201 Kohm 4,7 F 1% 25V	R28	Pcs	1	
200143220	RES. 0603 Kohm 22 F 1%	R29	PCS	1	26/07/11 Rif. M. Artuso
3902117	RES. 2010 ohm 470 J 5% 3/4W RC2010JK-07470RL - YAGEO CR50-471-JE - A	R3	Pcs	1	
3902613	RES. 0201 ohm 0 J 25V 0,5A	R30	Pcs	1	26/07/11 Rif. M. Artuso
3902613	RES. 0201 ohm 0 J 25V 0,5A	R31	Pcs	1	
3902631	RES. 0201 Kohm 4,7 F 1% 25V	R34	Pcs	1	
3902994	RES. 0201 Kohm 2,2 F 1% 25V	R36	Pcs	1	
3902619	RES. 0201 Kohm 33 F 1% 25V	R37	Pcs	1	
3902615	RES. 0201 Kohm 10 F 1% 25V	R38	Pcs	1	
200143068	RES. 0603 Kohm 6,8 F 1%	R39	PCS	1	
3902117	RES. 2010 ohm 470 J 5% 3/4W RC2010JK-07470RL - YAGEO CR50-471-JE - A	R4	Pcs	1	
200141220	RES. 0603 ohm 220 F 1%	R40	PCS	1	
200140010	RES. 0603 ohm 1 F 1%	R41	PCS	1	
3902617	RES. 0201 Kohm 15 F 1% 25V	R42	Pcs	1	
3902994	RES. 0201 Kohm 2,2 F 1% 25V	R43	Pcs	1	
200043100	RES. 0402 Kohm 10 F 1%	R45	PCS	1	
200160000	RES. 0603 ohm 0 J 5%	R46	PCS	1	
3902618	RES. 0201 Kohm 22 F 1% 25V	R47	Pcs	1	
3902618	RES. 0201 Kohm 22 F 1% 25V	R48	Pcs	1	
3902618	RES. 0201 Kohm 22 F 1% 25V	R49	Pcs	1	
3902632	RES. 0201 Kohm 1 F 1% 25V	R5	Pcs	1	
200160000	RES. 0603 ohm 0 J 5%	R50	PCS	1	
3902618	RES. 0201 Kohm 22 F 1% 25V	R51	Pcs	1	
3902617	RES. 0201 Kohm 15 F 1% 25V	R52	Pcs	1	
3902631	RES. 0201 Kohm 4,7 F 1% 25V	R53	Pcs	1	
3902615	RES. 0201 Kohm 10 F 1% 25V	R54	Pcs	1	
200141100	RES. 0603 ohm 100 F 1%	R55	PCS	1	
3902631	RES. 0201 Kohm 4,7 F 1% 25V	R56	Pcs	1	
3902631	RES. 0201 Kohm 4,7 F 1% 25V	R57	Pcs	1	
200140010	RES. 0603 ohm 1 F 1%	R58	PCS	1	
3902994	RES. 0201 Kohm 2,2 F 1% 25V	R59	Pcs	1	
3902632	RES. 0201 Kohm 1 F 1% 25V	R6	Pcs	1	
3900894	RES. 0402 Kohm 1 F 1%	R60	Pcs	1	
200043100	RES. 0402 Kohm 10 F 1%	R61	PCS	1	
200141220	RES. 0603 ohm 220 F 1%	R62	PCS	1	
3902623	RES. 0201 Kohm 300 F 1% 25V	R64	Pcs	1	
3902623	RES. 0201 Kohm 300 F 1% 25V	R66	Pcs	1	
3902615	RES. 0201 Kohm 10 F 1% 25V	R67	Pcs	1	
3902631	RES. 0201 Kohm 4,7 F 1% 25V	R68	Pcs	1	
3901011	RES. 0603 Kohm 47 F 1%	R69	Pcs	1	
3902619	RES. 0201 Kohm 33 F 1% 25V	R7	Pcs	1	
200143039	RES. 0603 Kohm 3,9 F 1%	R70	PCS	1	
3902634	RES. 0201 ohm 180 F 1% 25V	R71	Pcs	1	
3902634	RES. 0201 ohm 180 F 1% 25V	R72	Pcs	1	
3902634	RES. 0201 ohm 180 F 1% 25V	R73	Pcs	1	
3902634	RES. 0201 ohm 180 F 1% 25V	R74	Pcs	1	
3902633	RES. 0201 Kohm 2,7 F 1% 25V	R75	Pcs	1	
3901011	RES. 0603 Kohm 47 F 1%	R76	Pcs	1	
3902633	RES. 0201 Kohm 2,7 F 1% 25V	R77	Pcs	1	
3902633	RES. 0201 Kohm 2,7 F 1% 25V	R78	Pcs	1	
3902623	RES. 0201 Kohm 300 F 1% 25V	R79	Pcs	1	
3902618	RES. 0201 Kohm 22 F 1% 25V	R8	Pcs	1	
200143039	RES. 0603 Kohm 3,9 F 1%	R80	PCS	1	
3902634	RES. 0201 ohm 180 F 1% 25V	R81	Pcs	1	
3902634	RES. 0201 ohm 180 F 1% 25V	R82	Pcs	1	
3902634	RES. 0201 ohm 180 F 1% 25V	R83	Pcs	1	
3902634	RES. 0201 ohm 180 F 1% 25V	R84	Pcs	1	
3902615	RES. 0201 Kohm 10 F 1% 25V	R85	Pcs	1	
3902634	RES. 0201 ohm 180 F 1% 25V	R87	Pcs	1	
3902634	RES. 0201 ohm 180 F 1% 25V	R88	Pcs	1	
3902634	RES. 0201 ohm 180 F 1% 25V	R89	Pcs	1	
3902630	RES. 0201 Kohm 100 F 1% 25V	R9	Pcs	1	
3902634	RES. 0201 ohm 180 F 1% 25V	R90	Pcs	1	
3902634	RES. 0201 ohm 180 F 1% 25V	R91	Pcs	1	
3902634	RES. 0201 ohm 180 F 1% 25V	R92	Pcs	1	
3902634	RES. 0201 ohm 180 F 1% 25V	R93	Pcs	1	
200232011	RES. 0605 Kohm 1,1 F 0,5%	R94	PCS	1	
3902634	RES. 0201 ohm 180 F 1% 25V	R95	Pcs	1	
3902634	RES. 0201 ohm 180 F 1% 25V	R96	Pcs	1	
3902634	RES. 0201 ohm 180 F 1% 25V	R97	Pcs	1	
3902634	RES. 0201 ohm 180 F 1% 25V	R98	Pcs	1	
3902634	RES. 0201 ohm 180 F 1% 25V	R99	Pcs	1	
3902635	RELE' PHOTOMOSFET G3VM-41LR5 SMD SSO4 40V	RL1	Pcs	1	
3902635	RELE' PHOTOMOSFET G3VM-41LR5 SMD SSO4 40V	RL10	Pcs	1	
3902635	RELE' PHOTOMOSFET G3VM-41LR5 SMD SSO4 40V	RL11	Pcs	1	
3902635	RELE' PHOTOMOSFET G3VM-41LR5 SMD SSO4 40V	RL12	Pcs	1	
3902635	RELE' PHOTOMOSFET G3VM-41LR5 SMD SSO4 40V	RL13	Pcs	1	
3902635	RELE' PHOTOMOSFET G3VM-41LR5 SMD SSO4 40V	RL14	Pcs	1	
3902635	RELE' PHOTOMOSFET G3VM-41LR5 SMD SSO4 40V	RL15	Pcs	1	
3902635	RELE' PHOTOMOSFET G3VM-41LR5 SMD SSO4 40V	RL16	Pcs	1	
3902635	RELE' PHOTOMOSFET G3VM-41LR5 SMD SSO4 40V	RL17	Pcs	1	
3902635	RELE' PHOTOMOSFET G3VM-41LR5 SMD SSO4 40V	RL18	Pcs	1	
3902635	RELE' PHOTOMOSFET G3VM-41LR5 SMD SSO4 40V	RL19	Pcs	1	
3902635	RELE' PHOTOMOSFET G3VM-41LR5 SMD SSO4 40V	RL2	Pcs	1	
3902635	RELE' PHOTOMOSFET G3VM-41LR5 SMD SSO4 40V	RL20	Pcs	1	
3902635	RELE' PHOTOMOSFET G3VM-41LR5 SMD SSO4 40V	RL21	Pcs	1	
3902635	RELE' PHOTOMOSFET G3VM-41LR5 SMD SSO4 40V	RL23	Pcs	1	
3902635	RELE' PHOTOMOSFET G3VM-41LR5 SMD SSO4 40V	RL24	Pcs	1	



Titolo progetto

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Codice scheda:		3903830			
3902635	RELE' PHOTOMOSFET G3VM-41LR5 SMD SSO4 40V	RL25	Pcs	1	
3902635	RELE' PHOTOMOSFET G3VM-41LR5 SMD SSO4 40V	RL26	Pcs	1	
3902635	RELE' PHOTOMOSFET G3VM-41LR5 SMD SSO4 40V	RL27	Pcs	1	
3902635	RELE' PHOTOMOSFET G3VM-41LR5 SMD SSO4 40V	RL28	Pcs	1	
3902635	RELE' PHOTOMOSFET G3VM-41LR5 SMD SSO4 40V	RL29	Pcs	1	
3902635	RELE' PHOTOMOSFET G3VM-41LR5 SMD SSO4 40V	RL3	Pcs	1	
3902635	RELE' PHOTOMOSFET G3VM-41LR5 SMD SSO4 40V	RL30	Pcs	1	
3902635	RELE' PHOTOMOSFET G3VM-41LR5 SMD SSO4 40V	RL31	Pcs	1	
3902635	RELE' PHOTOMOSFET G3VM-41LR5 SMD SSO4 40V	RL32	Pcs	1	
3902635	RELE' PHOTOMOSFET G3VM-41LR5 SMD SSO4 40V	RL33	Pcs	1	
3902635	RELE' PHOTOMOSFET G3VM-41LR5 SMD SSO4 40V	RL34	Pcs	1	
3902635	RELE' PHOTOMOSFET G3VM-41LR5 SMD SSO4 40V	RL35	Pcs	1	
3902635	RELE' PHOTOMOSFET G3VM-41LR5 SMD SSO4 40V	RL37	Pcs	1	
3902635	RELE' PHOTOMOSFET G3VM-41LR5 SMD SSO4 40V	RL38	Pcs	1	
3902635	RELE' PHOTOMOSFET G3VM-41LR5 SMD SSO4 40V	RL39	Pcs	1	
3902635	RELE' PHOTOMOSFET G3VM-41LR5 SMD SSO4 40V	RL4	Pcs	1	
3902635	RELE' PHOTOMOSFET G3VM-41LR5 SMD SSO4 40V	RL40	Pcs	1	
3902635	RELE' PHOTOMOSFET G3VM-41LR5 SMD SSO4 40V	RL41	Pcs	1	
3902635	RELE' PHOTOMOSFET G3VM-41LR5 SMD SSO4 40V	RL42	Pcs	1	
3902635	RELE' PHOTOMOSFET G3VM-41LR5 SMD SSO4 40V	RL43	Pcs	1	
3902635	RELE' PHOTOMOSFET G3VM-41LR5 SMD SSO4 40V	RL44	Pcs	1	
3902635	RELE' PHOTOMOSFET G3VM-41LR5 SMD SSO4 40V	RL45	Pcs	1	
3902635	RELE' PHOTOMOSFET G3VM-41LR5 SMD SSO4 40V	RL46	Pcs	1	
3902635	RELE' PHOTOMOSFET G3VM-41LR5 SMD SSO4 40V	RL47	Pcs	1	
3902635	RELE' PHOTOMOSFET G3VM-41LR5 SMD SSO4 40V	RL48	Pcs	1	
3902635	RELE' PHOTOMOSFET G3VM-41LR5 SMD SSO4 40V	RL49	Pcs	1	
3902635	RELE' PHOTOMOSFET G3VM-41LR5 SMD SSO4 40V	RL5	Pcs	1	
3902635	RELE' PHOTOMOSFET G3VM-41LR5 SMD SSO4 40V	RL50	Pcs	1	
3902635	RELE' PHOTOMOSFET G3VM-41LR5 SMD SSO4 40V	RL51	Pcs	1	
3902635	RELE' PHOTOMOSFET G3VM-41LR5 SMD SSO4 40V	RL52	Pcs	1	
3902635	RELE' PHOTOMOSFET G3VM-41LR5 SMD SSO4 40V	RL6	Pcs	1	
3902635	RELE' PHOTOMOSFET G3VM-41LR5 SMD SSO4 40V	RL7	Pcs	1	
3902635	RELE' PHOTOMOSFET G3VM-41LR5 SMD SSO4 40V	RL8	Pcs	1	
3902635	RELE' PHOTOMOSFET G3VM-41LR5 SMD SSO4 40V	RL9	Pcs	1	
38319130	PULSANTE x C.S. 6,1x3,7 SMD 0.98N VERTIC - ALPS SKQYABE010	SW1	PCS	1	
3902604	DIODO TRANSZORB 75V 400W SMA SMAJ75A - VISHAY	TZ1	Pcs	1	
3903017	DIODO TRANSZORB 16V 400W SMA SMAJ16A - VISHAY	TZ2	Pcs	1	
3901954	INT. USBUF01P8 SMD SOT886-I ST	U1	Pcs	1	
3900928	INT. TPS81081DRC SMD QFN-10 - TEXAS	U10	Pcs	1	2
3900449	INT. BQ24123RHL SMD RHL20	U11	Pcs	1	2
3903106	INT. LP3879SD-1.2 SMD LLP-8 - NATIONAL	U12	Pcs	1	
33USBLC6	INT. USBLC6-2SC6 SMD SOT23	U13	PCS	1	
3902991	INT. IC FTDI FT232RL USB UART SMD QFN32 - FTDI	U14	Pcs	1	
33NCT5B3157P6	INT. NCT5B3157P6X SMD SC70 - FAIRCHILD	U15	Pcs	1	
3901906	INT. TL331IDBV 5SOT-23 TEXAS INSTR.	U16	Pcs	1	
3902933	INT. XC3S200A-4VQG1001 SMD FPGA SPARTAN3A - XILINX	U17	Pcs	1	3
3903443	INT. PCA9555BS SMD HVQFN24 4x4mm - NXP PCA9555BS	U18	Pcs	1	
3903111	INT. NCT5Z74K8X SMD MO-187 - FAIRCHILD	U19	Pcs	1	
3901344	INT. ST L9613B HI-SPEED KL INTERFACE	U2	Pcs	1	3
33733370	INT. BLUETOOTH BLUEGIGA (CON ANTENNA) WT11-A-C *FW 2.2.0 build 64*	U20	PCS	1	
31LM40402V501	DIODO ZENER SMD LM4040 2V5 1% SOT23	U22	PCS	1	
3902638	MEMORIA SRAM 512Kx16 10ns IS61WV51216BLL-10MLI 48 miniBGA - ISSI	U23	Pcs	1	
33NCT5B3157P6	INT. NCT5B3157P6X SMD SC70 - FAIRCHILD	U24	PCS	1	
3902908	INT. MCU STM32F103ZGH8TR 144BGA 1MB FLASH 96KB RAM - ST	U25	Pcs	1	
33MAX3232ECAE	INT. MAX3232ECAE SMD SSOP-16 - MAXIM	U26	PCS	1	
3902362	MEMORIA NAND FLASH 1 Gbit TSOP1 K9F1G08U0C-PIB0 - SAMSUNG	U27	Pcs	1	
33SC16C550BIB	INT. SC16C550BIB48 SMD LQFP48 SOT313-2 - PHILIPS	U28	PCS	1	1
33NCT5B3157P6	INT. NCT5B3157P6X SMD SC70 - FAIRCHILD	U29	PCS	1	
3901344	INT. ST L9613B HI-SPEED KL INTERFACE	U3	Pcs	1	3
3901471	INT. LTC2631ITS8-LM10 10-BIT DAC I2C SMD TSOT-23	U30	Pcs	1	
3900928	INT. TPS81081DRC SMD QFN-10 - TEXAS	U31	Pcs	1	2
3901906	INT. TL331IDBV 5SOT-23 TEXAS INSTR.	U32	Pcs	1	
3901685	INT. ZXCT1081 SMD SOT23-5 CURRENT MONITOR - ZETEX	U33	Pcs	1	
3901906	INT. TL331IDBV 5SOT-23 TEXAS INSTR.	U34	Pcs	1	
33LM358D	INT. LM358D SMD S08	U35	PCS	1	
3901470	INT. LTC2305IDE#PBF 12-BIT ADC I2C SMD PDFN12	U36	Pcs	1	
3902641	INT. NLSF3T125MNR2G SMD QFN16 - ON SEMI	U4	Pcs	1	
3902641	INT. NLSF3T125MNR2G SMD QFN16 - ON SEMI	U5	Pcs	1	
33TJA1040	INT. TJA1040T SMD S08 - PHILIPS	U6	PCS	1	
33TJA1054	INT. TJA1054AT SMD S014 - PHILIPS	U7	PCS	1	3
3900265	INT. TPS5430DDA DC/DC CONVERTER 3A 500KHz ADJ SMD	U8	Pcs	1	
33LP2951CSD	INT. LP2951CSD 8-LLP	U9	PCS	1	
31VAR04504	VARISTORE SMD 1206 45 VDe 0,4J SMD 1206 - TIPO ART. SIOVCN1206K35G VR1	U1	PCS	1	
31VAR04504	VARISTORE SMD 1206 45 VDe 0,4J SMD 1206 - TIPO ART. SIOVCN1206K35G VR2	U2	PCS	1	
31035147456	QUARZO SMD FREQ. 14,7456 MHz 3,2x2,5mm - TIPO FA-238V EPSON	Y1	PCS	1	
3902227	QUARZO SMD FREQ. 32,768 KHz 7pF FC-135 - EPSON Q13FC1350000214	Y2	Pcs	1	
3902894	QUARZO SMD FREQ. 12 MHz 12pF FA-238V - EPSON TOYOCOM	Y3	Pcs	1	
2700493	Saldatura ULTRASUONI per NAVIGATOR NANO		Pcs	1	
3903399	CALOTTA SUP. NERA PER NAVIGATOR NANO		Pcs	1	
3903400	COPERCHIO LAT. CON TASTO PER NAVIGATOR NANO		Pcs	1	
3903401	COPERCHIO BATTERIA PER NAVIGATOR NANO		Pcs	1	
3903118	ACCUMULATORE GMB 051230 3.7V 120mAh LI-Ion		Pcs	1	
3903414	SPUGNA K830 BIADESIVA 18x8x1mm		Pcs	1	
3903830	SC312.B2 "SCHEDA NAVIGATOR NANO PTX M.B." - Q2		Pcs	1	
3904166	KAPTON PYRALUX FR0120 BIADESIVATO 3M 35x12 mm		Pcs	1	
3903757	COPRILED NAVIGATOR NANO		Pcs	1	
6900041	VITE AUTOFIL. TRONCA 45° TC-CR 2,5x12 ZINC - PER MAT. PLASTICHE		Pcs	2	