CUSTOMER	MIT	
PROJECT	2022-0630 (CITYSCANNER-EVO)	
REVISION	3	
SCHEMATIC	20220630_CITYSCANNER-EVO_V3	
DATA	07/07/2023	
DRAFTED	M. Brevi	
APPROVED	Nome Approved	TECHNOLOGY
	•	

PROVED	Nome Approved		TECHNOL						
1 Quantity	Reference ANT1 ANT2 ANT2	Part NN02-220 NN02-224	MPN NN02-220 NN02-224		Temperature -40°+125° -40°+125°	Distributor M-128-NN02-220 M-128-NN02-224	Type SMD SMD	Package ANT-NN02-220 ANT-NN02-224	Database
3	1 CS1	CS V3 4L 35um	11102 224	C S CS_EVO \/3 (120v120)mm HAL /L/SO/SR sn=1 6mm	TG140	WE-ONLINE	OWID	7.111 THING 2.224	
4 3	C1,C7,C9,C10,C11,C24,C26,C27,C28,C30,C36,C4 4,C45,C46,C53,C54,C55,C62,C63,C64,C71,C73,C7 4,C75,C79,C87,C88,C90,C91,C93,C96,C99,C101,C	100n/50\/			-55+125		SMD	CS-C-0402	
4 3	103,C105,C106	10011/300		CHIP CAP.CER. 100HF 50V 10% X/R 0402	-55+125		SWID	C3-C-0402	
5 1	9 C2,C25,C32,C41,C42,C43,C47,C48,C49,C50,C51, C52,C56,C57,C60,C61,C78,C80,C89	10u/10V-X5R		CHIP CAP.CER. 10uF 10V 10% X5R 0603		FAE	SMD	CS-C-0603	2816
6 7	1 C4 1 C6	100k 10n/1kV		CHIP RES. 100K 0603 1/16W 1% CHIP CAP.CER. 10nF 1000V 10% X7R 1206			SMD SMD	RS-0603 CS-C-1206	2064 2847
9	1 C8 2 C21,C23	10n/50V 220u/16V		CHIP CAP.CER. 10nF 50V 10% X7R 0402 CHIP CAP.ELETTR. 220uF 16V 20% CASE D=6.3x8		FAE FAE	SMD SMD	CS-C-0402 CS-E-D	2136 1519
10	6 C31,C34,C35,C72,C86,C97 1 C38	1u/16V 22p/50V-NP0		CHIP CAP.CER. 1uF 16V 10% X7R 0603 CHIP CAP.CER. 22pF 50V 5% NPO 0402			SMD SMD	CS-C-0603 CS-C-0402	2089 2782
12	2 C39,C40	330p/50V-C0G		CHIP CAP CER. 330pF 50V 5% NPO 0402	-55°+125°	FAE	SMD	CS-C-0402	2511
13	1 C81 1 C82	2.4p/100V-C0G 1.2p/50V-C0G	GJM1555C1H2R4WB01D GJM1555C1H1R2WB01	GJM1555C1H2R4WB01D SMT	-55°+125° -55°+125°	FAE	SMD SMD	CS-C-0402 CS-C-0402	2969
15	1 C83	0.4p/50V-C0G		·	-55°+125°	FAE	SMD	CS-C-0402	4280
16	1 C85 1 C102	330mF/3.3V 1n/50V	DSK-3R3H334T-HL	D=6.8x6.8 SMT CHIP CAP.CER. 1nF 50V 10% X7R 0402	-10°+60°	FAE	SMD SMD	CS-SCAP-DSK CS-C-0402	4872 3335
18	1 C104	0.9p/50V-C0G	GJM1555C1HR90WB01D	CHIP CAP CER IN ONE SOLV +- O OSNE COG OMO?	-55°+125°		SMD	CS-C-0402	3333
19	1 DSW1 6 DS2,DS4,DS8,DS9,DS10,DS11	DIP-SW-MCDHN-04F-T-V BAT54J	BAT54J,115	DIP SWITCH 4P/D NERO MCDHN-04F-V MULTICOMP SMT DIODO SCHOTTKY 0.3A 40V BAT54J SOD-323 SMT		FAE FAE	SMD SMD	DSS-4-0127-MCDHN SOD323	3134 3424
21	1 DS7	SS34	SS34	DIODO SCHOTTKY 3A 40V SS34 DO-214AB SMT	-55°+125°	FAE	SMD	SMC	2536
22	2 DZ2,DZ5	MMSZ5226BT1G	MMSZ5226BT1G	DIODO ZENER 0.5W 3.3V MMSZ5226BT1G ONSEMI SOD123 SMT DIODO ZENER 0.5W 2.4V MMSZ5221BT1G ONSEMI SOD123		M-863-MMSZ5226BT1G	SMD	SOD123	
23	2 DZ6,DZ7	MMSZ5221BT1G	MMSZ5221BT1G	SMT	-55°C +150°C	M-863-MMSZ5221BT1G		SOD123	
24	1 F1 1 J2	0154005-DR 54-00125	0154005.DR 54-00125		-55°+125° -25°C - +85°C	D-839-1508-ND	SMD THT	F-LT154 J-54-00125	3931
26	1 J5	53261-0571	0532610571	CONN. PICOBLADE 5P M/90° P=1.25 53261-0571 MOLEX SMT	-25 C - +05 C	FAE	SMD	J-5-0125-MOS-PICOBLADE	2468
27	1 J6	DX07S024WJ3R400	DX07S024WJ3R400	CONN. USB 3.0 F/D TIPO C C.S. DX07S024WJ3R400 JAE ELECTRONICS	-30°+80°	FAE	SMD	J-24-0050-FDS-USBC-DX07	4570
28	1 J7	878322014	878322014	HEADER 20P M DOPPIA FILA P=2.00 878322014 MOLEX SMD	-55105	M-538-87832-2014	SMD	J-10X2-0200-MDS-878322014	
29	1 J12	MDT420E01001	MDT420E01001	CONN. M.2 75P M/90° P=0.5 MDT420E01001 AMPHENOL SMT	-40°+80°	FAE	SMD	J-75-0050-MOS-M2-E	4463
30	1 J13	uSD - 502774-0891	5027740891	CONN. MICROSD 8P F/90° PUSH-PUSH 502774-0891 MOLEX SMT	-25°+85°	FAE	SMD	J-8-0110-FOS-SD-M502774	3931
31	1 J15 1 LD1	uFL-R-SMT-1-10 GENERICO	U.FL-R-SMT-1(10)		-40°+90°		SMD SMD	J-3-MDS-UFL LD-0603	2809 1540
33	1 LD2	SML-LX0404SIUPGUSB	SML-LX0404SIUPGUSB	DIODO LED RGB SML-LX0404SIUPGUSB LUMEX SMT		FAE	SMD	LD-0404-SMLLX	3770
34	6 L1,L2,L3,L5,L6,L9	BLM21PG221SN1D	BLM21PG221SN1D	INDLITTANTA 6.8 JH 3.0A 20% AVA VALA030 682ME	-55°+125°	FAE M-994-XAL4030-	SMD	LS-0805	2059
35	1 L7	XAL4030-682ME	XAL4030-682ME	COILCRAFT SMT	-40°+125°	682MEB M-994-XAL4020-	SMD	LS-XAL40	
36	1 L8	XAL4020-102MEB	XAL4020-102MEB	COILCRAFT SMT	-40°+125°	102MEB	SMD	LS-XAL40	
37	1 L10 6 R2,R8,L11,R102,R128,R131,R132,R134,R139,R14	LQW15AN1N3C80D	LQW15AN2N3G80D	MURATA SMT	-55°+125°		SMD	LS-0402	
38 1	1,R149,R179,R184,R224,R251,R252			CHIP RES. 0R 0402 1/16W 1% INDUTTANZA 8.7nH 1.6A 2% 0603 LQW18AN8N7G80D MURATA	550 4050	FAE	SMD	RS-0402	2568
39	1 L12	LQW18AN8N7G80D	LQW18AN8N7G80D	SMT	-55°+125°	M-81-	SMD	LS-0603	
40	1 L13	LQW15AN14NG80D LQW18AN7N2G80D	LQW15AN14NG80D LQW18AN7N2G80D	INDUTTANZA 14nH 1.15A 2% A FILO 0402 SMT INDUTTANZA 7.2nH 1.9A 2% 0603 LQW18AN7N2G80D MURATA	-55°+125°	LQW15AN14NG80D	SMD	LS-0402 LS-0603	
41	1 L14 1 L16	LQW18AN6N0G80D	LQW18AN6N0G80D	INDUSTRANZA 65H 1 0A 29/ 0603 LOW/18ANGNOG80D MUDATA	-55°+125°		SMD	LS-0603	
42	1 L17	LQW15AN7N5H00D	LQW15AN7N5H00D	INDUTTANZA 7.5nH 0.57A 3% A FILO 0402 LQW15AN7N5H00D	-55°+125°	FAE	SMD	LS-0402	4307
44	1 L18	LQW15AN3N9G80D	LQW15AN3N9G80D	INDUTTANZA 3.9nH 1.95A 2% 0402 LQW15AN3N9G80D	-55°+125°	I AL	SMD	LS-0402	
45	1 L19	LQW18AN36NG80D	LQW18AN36NG80D	INDUTTANZA 36nH 0.91A 2% 0603 LQW18AN36NG80D	-55°+125°		SMD	LS-0603	
46	1 L20	LQW18AN33NG80D	LQW18AN33NG80D	INDUTTANZA 33nH 1.1A 2% 0603 LQW18AN33NG80D MURATA	-55°+125°		SMD	LS-0603	
47	1 L21	LQW15AN1N3C80D	LQW15AN1N3C80D	INDUTTANZA 1.3nH 3.15A +-0.2nH 0402 LQW15AN1N3C80D	-55°+125°		SMD	LS-0402	
48	1 MOD1	NEO-M8U-06B	NEO-M8U-06B		-40°+85°	FAE	SMD	MOD-NEO-M8U	5010
50	2 PB1,PB2 7 Q1,Q2,Q6,Q7,Q13,Q17,Q18	FSM14JSMAS SISS27DN-T1-GE3		TRANSISTOR MOSFET P SISS27DN-T1-GE3 POWERPACK-1212-	-40+85 -65°+150°	D-450-2161-ND FAE	SMD SMD	PB-FSM14JS POWERVDFN8-0330X0330	4171
51	7 Q3,Q4,Q9,Q10,Q15,Q23,Q25	BC817-25		TRANSISTOR NPN BC817-25 SOT-23 SMT		FAE	SMD	SOT23	1541
52 53	5 Q5,Q14,Q16,Q19,Q20 3 Q8,Q22,Q24	BSS138 BSS84		TRANSISTOR MOSFET N BSS138 SOT-23 SMT TRANSISTOR MOSFET P BSS84,215 SOT-23 SMT	-55°+150°		SMD SMD	SOT23 SOT23	17269 2824
	R1,R7,R17,R64,R90,R94,R108,R109,R116,R118,R 119,R120,R123,R133,R143,R145,R146,R153,R154								
54 3	6 ,R171,R172,R173,R181,R183,R185,R186,R187,R1 88,R208,R213,R216,R217,R219,R232,R236,R243	100k		CHIP RES. 100K 0402 1/16W 1%		FAE	SMD	RS-0402	2512
	R3,R10,R63,R65,R71,R72,R73,R81,R105,R114,R1								
	1 15,R122,R127,R135,R144,R211,R212,R233,R235, R239,R254	10k			-55°+125°		SMD	RS-0402	25129
56 57 1:	6 R5,R13,R87,R210,R234,R242 5 R6,R77,R88,R89,R111,R113,R124,R125,R129,R17	1k 100R		CHIP RES. 1K 0402 1/16W 1% CHIP RES. 100R 0402 1/16W 1%	-55°+155°	FAE FAE	SMD SMD	RS-0402 RS-0402	2512 2631
58	7,R178,R197,R206,R225,R230 R14,R16	5.1k			-55°+155°	FAE	SMD	RS-0402	4604
59	1 R15 R18,R19,R20,R21,R22,R23,R24,R25,R26,R27,R28,			CHIP RES. 1M 1206 1/4W 1%			SMD	RS-1206	3910
60 2	1 R29,R168,R169,R170,R174,R175,R202,R209,R22 6,R231	33R		CHIP RES. 33R 0402 1/16W 1% 100PPM/°C			SMD	RS-0402	3876
62	2 R66,R68 3 R67,R69,R136	0R04 470R		CHIP RES. 0R04 1206 1/4W 1% CHIP RES. 470R 0402 1/16W 1%			SMD SMD	RS-1206 RS-0402	3891 2512
63	5 R70,R79,R82,R83,R84 3 R74,R75,R76	22k 10R		CHIP RES. 22K 0402 1/16W 1% CHIP RES. 10R 0603 1/16W 1%		<u> </u>	SMD SMD	RS-0402 RS-0603	3966 1614
65	1 R85 2 R96,R101	330R 39.2k		CHIP RES. 330R 0402 1/16W 1%	-55°+155°	FAE	SMD SMD	RS-0402 RS-0402	263 ²
67	2 R98,R99	0R		CHIP RES. 0R 0805 1/8W 1%	-00T100	FAE	SMD	RS-0805	2741
68 69	1 R103 1 R104	12.4k 13k			-55°+125°	FAE	SMD SMD	RS-0402 RS-0402	334 ² 2870
70 71	3 R121,R126,R189 7 R158,R159,R160,R161,R162,R163,R164	2.2k 47k		CHIP RES. 2K2 0402 1/16W 1% CHIP RES. 47K 0402 1/16W 1% 100PPM/°C		ļ	SMD SMD	RS-0402 RS-0402	3509 3346
72	1 R176 2 R256,R257	270R 12k		CHIP RES. 270R 0402 1/16W 1% CHIP RES. 12K 0402 1/16W 1%	-55°+125°		SMD SMD	RS-0402 RS-0402	4038 3972
74	1 SW1	FS22ABP	FS22ABP		-30°+85°	FAE	THT	SW-FS22ABP	0312
75	1 TVS1	SMBJ10CA		DIODO TVS TRANSIL BIDIR. 600W 10V SMBJ10CA SMB SMT		FAE	SMD	SMB	2472
	TVS2,TVS4,TVS5,TVS8,TVS9,TVS10,TVS12,TVS1	NSPU3051N2T5G		DIODO TVS TRANSIL UNIDIR. 5.5V NSPU3051N2T5G X2DFN	-65°+150°	D- NSPU3051N2T5GOSCT-	SMD	D-XDFN2	
76	3,TVS14 1 TVS3	ESDR0502NMUTBG		SWI	-40°+125°	ND	SMD	UFDFN6	4078
76		D3V3F8U9LP3810-7		INTECDATO SIGNAL PROTECTION D3\/3E8LIQLD3810.7 DIODES	-55°+85°	M-621- D3V3F8U9LP3810-7	SMD	UDFN3810-9	
76 77 78	3 TVS7,TVS11,TVS15	BQ24210DQCT	BQ24210DQCT	INTEGRATO BQ24210DQCT WSON10 TEXAS SMT	-40°+85° -40°+125°	FAE FAE	SMD SMD	WSON10-EXP MSOP10	4778 3598
76 77 78 79	1 U3		IISL/80//FII/-1/4		-40°+125°	M-968-ISL91107IIAZ-	SMD	UFBGA15-0151X0215	<u> </u>
78 79	<u> </u>	ISL28022FUZ ISL91107IIAZ	ISL28022FUZ-T7A ISL91107IIAZ	INTEGRATO DC DC CONVERTER ISL91107IIAZ RENESAS UFBGA15 SMT	-40+05	117A		ı	
78 79	1 U3 1 U4	ISL28022FUZ	ISL91107IIAZ	UFBGA15 SMT INTEGRATO DC/DC CONVERTER LMR62014XMFX TI SOT-23-5		M-926-	SMD	SOT23-5	
78 79	1 U3 1 U4 1 U5 1 U6	ISL28022FUZ ISL91107IIAZ LMR62014XMFX	ISL91107IIAZ LMR62014XMFX	UFBGA15 SMT INTEGRATO DC/DC CONVERTER LMR62014XMFX TI SOT-23-5 SMT	-40°+125°	LMR62014XMFXNOPB	SMD	SOT23-5	2/16
78 79 80 81 82 83 84	1 U3 1 U4 1 U5 1 U6 1 U7 2 U11,U15	ISL28022FUZ ISL91107IIAZ LMR62014XMFX TPS3823-33DBV 74LV4066PW	ISL91107IIAZ LMR62014XMFX TPS3823-33DBV 74LV4066PW	UFBGA15 SMT INTEGRATO DC/DC CONVERTER LMR62014XMFX TI SOT-23-5 SMT INTEGRATO TPS3823-33DBVT SOT23-5 SMT INTEGRATO SWITCH 74LV4066PW NXP TSSOP14 SMT	-40°+125° -40°C85°C -40°C125°C	LMR62014XMFXNOPB FAE M-771-LV4066PW118	SMD SMD	SOT23-5 TSSOP14	2463
78 79 80 81 82	1 U3 1 U4 1 U5 1 U6	ISL28022FUZ ISL91107IIAZ LMR62014XMFX TPS3823-33DBV	ISL91107IIAZ LMR62014XMFX TPS3823-33DBV	UFBGA15 SMT INTEGRATO DC/DC CONVERTER LMR62014XMFX TI SOT-23-5 SMT INTEGRATO TPS3823-33DBVT SOT23-5 SMT INTEGRATO SWITCH 74LV4066PW NXP TSSOP14 SMT INTEGRATO SENSOR KXTJ3-1057 KIONIX LGA12 SMT SENSORE DI TEMPERATURA E UMIDITA' SHTC3 SENSIRION	-40°+125° -40°C85°C	LMR62014XMFXNOPB FAE M-771-LV4066PW118	SMD	SOT23-5	2463
78 79 80 81 82 83 84 85	1 U3 1 U4 1 U5 1 U6 1 U7 2 U11,U15 1 U12	ISL28022FUZ ISL91107IIAZ LMR62014XMFX TPS3823-33DBV 74LV4066PW KXTJ3-1057	ISL91107IIAZ LMR62014XMFX TPS3823-33DBV 74LV4066PW KXTJ3-1057	UFBGA15 SMT INTEGRATO DC/DC CONVERTER LMR62014XMFX TI SOT-23-5 SMT INTEGRATO TPS3823-33DBVT SOT23-5 SMT INTEGRATO SWITCH 74LV4066PW NXP TSSOP14 SMT INTEGRATO SENSOR KXTJ3-1057 KIONIX LGA12 SMT SENSORE DI TEMPERATURA E UMIDITA' SHTC3 SENSIRION SMT	-40°+125° -40°C85°C -40°C125°C -40°+85°	LMR62014XMFXNOPB FAE M-771-LV4066PW118 M-912-KXTJ3-1057 M-403-SHTC3	SMD SMD SMD	SOT23-5 TSSOP14 VFLGA12	2463

MECH	ANICAL									
1		1 ASS1	B404x	B404x	SoM B404x Particle	-20°65°		THT		
2		1 ASS2	KNOB M2.5x4-INOX		VITE TCEI 2.5X4 ESAGONO INCASSATO A2 INOX		FAE	THT		48266
3		1 OBJ1	9774025151R		DISTANZ. CIL. METALLO 5.1X2.5 9774025151R W.E SMT		FAE	SMD	DIST-WASMSIM0250	44635
	-	3	-	-	•	-	1		•	

IOM TOI	INIEU								
1	1 C3	NU		CHIP CAP.CER. 10uF 10V 10% X5R 0603		FAE	SMD	CS-C-0603	28
2	19 C5,C13,C15,C16,C17,C18,C19,C20,C22,C29,C33,C37,C58,C59,C65,C92,C95,C98,C100	NU		CHIP CAP.CER. 100nF 50V 10% X7R 0402	-55+125		SMD	CS-C-0402	
3	1 C12	NU		CHIP CAP.CER. 10nF 1000V 10% X7R 1206		FAE	SMD	CS-C-1206	28
4	1 C14	NU		CHIP CAP.CER. 1nF 50V 10% X7R 0402		FAE	SMD	CS-C-0402	33
5	4 C67,C68,C69,C70	NU		CHIP CAP.CER. 33pF 50V 5% COG 0402		FAE	SMD	CS-C-0402	43
6	1 C84	NU		CHIP CAP.CER. 10nF 50V 10% X7R 0402		FAE	SMD	CS-C-0402	21:
7	1 C94	NU		CHIP CAP.CER. 1uF 16V 10% X7R 0603		FAE	SMD	CS-C-0603	20
8	2 DS1,DS3	NU	FSV1045V	DIODO SCHOTTKY 10A 45V FSV1045V TO277-3 SMT	-55°+150°	FAE	SMD	TO277-3	42:
9	2 DS5,DS6	NU	SS14	DIODO SCHOTTKY 1A 40V SS14 SMA SMT		FAE	SMD	SMA	166
10		NU	MMSZ5221BT1G	DIODO ZENER 0.5W 2.4V MMSZ5221BT1G ONSEMI SOD123 SMT	-55°C +150°C	M-863- MMSZ5221BT1G	SMD	SOD123	
11	1 DZ3	NU	MMSZ5226BT1G	DIODO ZENER 0.5W 3.3V MMSZ5226BT1G ONSEMI SOD123		M-863- MMSZ5226BT1G	SMD	SOD123	
12	3 FID1,FID2,FID3	TPS		FIDUCIAL		FAE	SMD	FIDUCIAL	+
13		NU	0ZCM0020FF2G	FUSIBILE RIPRIST. 0.2A 9V 0603 0ZCM0020FF2G BEL FUSE SMT	-40°+85°	FAE	SMD	FS-0603	408
14	1 J1	NU	S2B-XH-A(LF)(SN)	CONN. XH 2P M/90° P=2.5 S2B-XH-A(LF)(SN) JST THT		D-455-2257-ND	ТНТ	J-2-0250-MOT-S2B	
15		NU	0533980571	CONN. PICOBLADE 5P M/D P=1.25 53398-0571 MOLEX SMT		FAE	SMD	J-5-0125-MDS-PICOBLADE	234
16	1 J8	NU	1051330001	CONN. USB F/D TIPO MICRO-B C.S. 1051330001 MOLEX SMT	-30°+85°	FAE	SMD	J-5-0065-FDS-UUSB1051330001	408
17	2 J9,J10	NU		STRIP 1P F/D P=2.54 H=7 NERA 801-87-036-1001		FAE	THT	J-8-0254-FDT	16
18	2 J14,J16	NU	0733910060	CONN. SMA F/D 500HM 0733910060 MOLEX		D-WM5543-ND	THT	J-FDT-SMA-73391	
19	1 L4	NU	BLM21PG221SN1D	FILTRO 220R 2A 25% 0805 BLM21PG221SN1D MURATA SMT	-55°+125°	FAE	SMD	LS-0805	205
20	1 L15	NU	LQG15HS27NJ02D	INDUTTANZA 27nH 0.35A 5% 0402 LQG15HS27NJ02D MURATA SMT	-55°+125°	FAE	SMD	LS-0402	428
21	1 Q11	NU		TRANSISTOR MOSFET P BSS84,215 SOT-23 SMT	-55°+150°	FAE	SMD	SOT23	282
22	1 Q12	NU		TRANSISTOR NPN BC817-25 SOT-23 SMT		FAE	SMD	SOT23	154
23	R4,R9,R11,R12,R35,R38,R61,R62,R78,R91,R110, 26 R112,R117,R140,R142,R180,R190,R204,R218,R 222,R223,R228,R241,R244,R245,R246	NU		CHIP RES. OR 0402 1/16W 1%		FAE	SMD	RS-0402	256
24	1 R31	NU		CHIP RES. 1M 1206 1/4W 1%		FAE	SMD	RS-1206	391
25	12 R32,R36,R39,R40,R41,R42,R43,R44,R45,R46,R4 7,R50	NU		CHIP RES. 33R 0402 1/16W 1% 100PPM/°C		FAE	SMD	RS-0402	387
26	4 R33,R34,R48,R49	NU		CHIP RES. OR 0603 1/16W 1%	-55°+150°	FAE	SMD	RS-0603	155
27	5 R37,R57,R215,R240,R255	NU		CHIP RES. 100K 0402 1/16W 1%		FAE	SMD	RS-0402	251
28	2 R51,R130	NU		CHIP RES. 1K 0402 1/16W 1%	-55°+155°	FAE	SMD	RS-0402	251
29	2 R53,R54	NU		CHIP RES. 100R 0402 1/16W 1%		FAE	SMD	RS-0402	263
30	9 R59,R60,R92,R93,R97,R214,R220,R221,R253	NU		CHIP RES. 10K 0402 1/16W 1%	-55°+125°	FAE	SMD	RS-0402	251
31	1 R86	NU		CHIP RES. 5K6 0402 1/16W 1%	-55°+155°	FAE	SMD	RS-0402	263
32	2 R106,R107	NU		CHIP RES. OR 0805 1/8W 1%		FAE	SMD	RS-0805	274
33	1 R191	NU		CHIP RES. 10R 0402 1/16W 1% 100PPM/°C	-55°+125°	FAE	SMD	RS-0402	25:
34	1 TVS6	NU		INTEGRATO ESDR0502NMUTBG ONSEMI UFDFN6 SMT	-40°+125°	FAE	SMD	UFDFN6	407
35	2 TVS16,TVS17	NU	PESD0402-140	DIODO TVS BIDIR. 14V PESD0402-140 LITTELFUSE 0402 SMT	-55°+125°	M-650-PESD0402-140	SMD	RS-0402	
36	1 U1	NU	TXS0104ERGYR	INTEGRATO TXS0104ERGYR TEXAS VQFN14 SMT	-40°C85°C	FAE	SMD	VFQFN14-EXP-0350X0350	413
37	1 U2	NU	TXS0108ERGYR	INTEGRATO TXS0108ERGYR TI VQFN20 SMT	-40°85°	D-296-24806-1-ND	SMD	VFQFN20-EXP-0350X0450	
38	1 U13	NU	LSM6DSO32	INTEGRATO LSM6DSO32TR ST 14VFLGA SMT	-40+85	M-511-LSM6DSO32TR	SMD	VFLGA14L	