

CUSTOMER	BLUES
PROJECT	2017-3047 (NOTECARRIER-M2-B)
REVISION	10
SCHEMATIC	20173047_NOTECARRIER-M2-B_V10
DATA	03/06/2020
DRAFTED	G.Boschini
APPROVED	C.Raineri



Item	Quantity	Reference	Part	Description	Temperature	Distributor	Type	Package	Database
1	1	CS1	CS V10 2L 35um	C.S. NOTECARRIER-M2-B V10 (45.62X45.62)mm 2L/SO/SR ENIG sp=1.6mm Cu=35um	C.Raineri	WE			
2	5	C7,C10,C111,C115,C116	100n/16V	CHIP CAP.CER. 100nF 16V 10% X7R 0402		FAE	SMD	CS-C-0402	22452
3	2	C8,C9	10u/6.3V-X5R	CHIP CAP.CER. 10uF 6.3V 20% X5R 0402	-55°..+85°	FAE	SMD	CS-C-0402	39310
4	1	C13	47u/16V-X5R	CHIP CAP.CER. 47uF 16V 20% X5R 1206		FAE	SMD	CS-C-1206	38401
5	1	C14	4.7u/6.3V-X5R	CHIP CAP.CER. 4.7uF 6.3V 20% X5R 0402		FAE	SMD	CS-C-0402	32468
6	2	C15,C16	10u/10V-X5R	CHIP CAP.CER. 10uF 10V 10% X5R 0603		FAE	SMD	CS-C-0603	28168
7	1	C112	10n/1kV	CHIP CAP.CER. 10nF 1000V 10% X7R 1206		FAE	SMD	CS-C-1206	28470
8	1	DS14	STPS3H100U	DIODO SCHOTTKY 3A 100V STPS3H100U SMB SMT		FAE	SMD	SMB	40665
9	1	DS15	FSV1045V	DIODO SCHOTTKY 10A 45V FSV1045V TO277-3 SMT	-55°..+150°	FAE	SMD	TO277-3	42269
10	1	F1	SF-0603F150-2	FUSIBILE RAPIDO 1.5A 32V 0603 SF-0603F150-2 BOURNS SMT	-40°..+105°	FAE	SMD	FS-0603	32505
11	1	F2	3.5A/32V	FUSIBILE RAPIDO 3.5A 32V 0603 0603SFV350F/32-2 LITTELFUSE SMT	-55°..+125°	FAE	SMD	FS-0603	40054
12	1	J19	MICROUSB-B	CONN. USB F/90° TIPO MICRO-B C.S. 10118192-0001LF FCI SMT	-30°..+85°	FAE	SMD	J-5-0065-FOS-MICROUSB10118192	40056
13	1	J20	MDT420E01001	CONN. M.2 75P M/90° P=0.5 MDT420E01001 AMPHENOL SMT	-40°..+80°	FAE	SMD	J-75-0050-MOS-M2	44633
14	1	J21	STRIP 9 PIN	STRIP 1P M/D P=2.54 CH3140V/100		FAE	THT	J-10-0254-MDT	1687
15	1	J22	STRIP 9 PIN	STRIP 1P M/D P=2.54 CH3140V/100		FAE	THT	J-9-0254-MDT	1687
16	1	L2	1285AS-H-2R2M=P2	INDUTTANZA 2.2uH 1.5A 20% 0806 1285AS-H-2R2M=P2 MURATA SMT	-40°..+85°	FAE	SMD	LS-0806	42807
17	1	L4	XFL4020-222MEC	INDUTTANZA 2.2 uH 3.1A 20% XFL4020-222MEC COILCRAFT SMT	-40°..+125°	FAE	SMD	LS-XFL4020	42400
18	1	OBJ1	9774025151R	DISTANZ. CIL. METALLO 5.1X2.5 9774025151R W.E SMT		FAE	SMD	DIST-WASMSIM0250	44635
19	1	Q2	AO3420	TRANSISTOR MOSFET N AO3420 SOT-23 ALPHA-OMEGA SMT	-55°..+150°	FAE	SMD	SOT23	41965
20	2	RR1,RR2	100R/5%	RETE RESISTIVA 8R sing. 100R 5% 1506 CAY16-101J8LF BOURNS SMT	-55°..+125°	FAE	SMD	RR-8X-1506	40062
21	1	R6	82k	CHIP RES. 82K 0402 1/16W 1%	-55°..+155°	FAE	SMD	RS-0402	40683
22	2	R10,R319	1k	CHIP RES. 1K 0402 1/16W 1%	-55°..+155°	FAE	SMD	RS-0402	25126
23	1	R307	1M	CHIP RES. 1M 1206 1/4W 1%		FAE	SMD	RS-1206	28883
24	1	R317	0R/5%/AS	CHIP RES. 0R 0805 1/8W 5% ANTI-SULFUR	-55°..+155°	FAE	SMD	RS-0805	34531
25	2	R318,R322	0R	CHIP RES. 0R 0402 1/16W 1%		FAE	SMD	RS-0402	25681
26	1	SW1	CJS-1200TA	INTERR. SLITTA ON-ON DA C.S. CJS-1200TA NIDEC COPAL ELECTRONICS SMT	-40°..+85°	FAE	SMD	SW-CJS1200TA	43927
27	1	TVS1	SM6T6V8A	DIODO TVS TRANSIL UNIDIR. 600W 6.8V SM6T6V8A SMB SMT		FAE	SMD	SMB	14165
28	1	U3	MAX17225ELT	INTEGRATO MAX17225ELT+T MAXIM W-DFN6 SMT	-40°..+85°	FAE	SMD	WDFN6-0200X0200	42404
29	1	U4	TPS62748YFPT	INTEGRATO TPS62748YFPT TEXAS DSBGA8 SMT	-40°..+85°	FAE	SMD	XFBGA8	42813
38						1			

MECHANICAL

1	1	ASS1	KNOB M2.5	VITE TCEI 2.5X5 ESAGONO INCASSATO A2 NERA		FAE	THT		45057
1						0			

NOT MOUNTED

1	1	C113	NU	CHIP CAP.TANT. 100uF 6.3V 10% CASE A F930J107KAA AVX	-55°..+125°	D-478-8152-1-ND	SMD	CS-T-A	
2	1	C114	NU	CHIP CAP.TANT. 220uF 6.3V 10% CASE B F930J227KBA AVX	-55°..+125°	M-647-F930J227KBA	SMD	CS-T-B	
3	4	DS4,DS5,DS6,DS10	NU	DIODO ARRAY 0.2A 75V BAV99BRVA-7 SOT563 DIODES SMT	-65°..+150°	FAE	SMD	SOT563	40591
4	4	FID1,FID2,FID3,FID4	TPS	FIDUCIAL		FAE	SMD	FIDUCIAL	
5	3	R321,R323,R324	NU	CHIP RES. 0402			SMD	RS-0402	