

CUSTOMER	BLUES
PROJECT	2023-1252 (NOTECARRIER-M2-R)
REVISION	1
SCHEMATIC	20231252_NOTECARRIER-M2-R_V1
DATA	2023-12-22

Blues

Item	Quantity	Reference	Part	MPN	Description	Temperature	Pkg Type	Package
1		1 CS1	CS V1 2L 35um		C.S. Nome Vx HAL xL/SO/SR sp=1.6mm Cu=35um	TG140	Nome Approved	
2		1 C1	10u/16V-X5R		CHIP CAP.CER. 10uF 16V 10% X5R 0805		SMD	CS-C-0805
3		1 C2	22u/10V/X5R		CHIP CAP.CER. 22uF 10V 20% X5R 0603	-55°..+85°	SMD	CS-C-0603
4		1 C5	10n/1kV		CHIP CAP.CER. 10nF 1000V 10% X7R 1206		SMD	CS-C-1206
5		2 C6,C111	100n/16V		CHIP CAP.CER. 100nF 16V 10% X7R 0402		SMD	CS-C-0402
6		1 DSW1	DIP-SW-CHS-01TB		DIP SWITCH 1P/D BLACK CHS-01TB COPAL SMT	-40°..+85°	SMD	DSS-CHS-01TB
7		2 DS1,DS2	STPS3H100U	STPS3H100U	DIODO SCHOTTKY 3A 100V STPS3H100U SMB SMT		SMD	SMB
8		1 F1	SF-0603F150-2	SF-0603F150-2	FUSE FAST 1.5A 32V 0603 SF-0603F150-2 BOURNS SMT	-40°..+105°	SMD	FS-0603
9		1 F2	3.5A/32V	0603SFV350F/32-2	FUSE FAST 3.5A 32V 0603 0603SFV350F/32-2 LITTELFUSE SMT	-55°..+125°	SMD	FS-0603
10		1 J1	MDT420E01001		CONN. M.2 75P M/90° P=0.5 MDT420E01001 AMPHENOL SMT	-40°..+80°	SMD	J-75-0050-MOS-M2-E
11		1 J2	MICROUSB-B	10118192-0001LF	CONN. USB F/90° TYPE MICRO-B C.S. 10118192-0001LF FCI SMT	-30°..+85°	SMD	J-5-0065-FOS-MICROUSB10118192
12		1 J3	SM05B-SRSS-TB	SM05B-SRSS-TB(LF)(SN)	CONN. SH 5P M/D P=1 SM05B-SRSS-TB(LF)(SN) JST SMT	-25°..+85°	SMD	J-5-0100-MOS-SH
13		1 L1	1u/3.1A	TYA2520101R0M-10	INDUTTANZA 1uH 3.1A 20% TYA2520101R0M-10 LAIRD 2520 SMD		SMD	LS-0907
14		1 Q1	AO3420		TRANSISTOR MOSFET N AO3420 SOT-23 ALPHA-OMEGA SMT	-55°..+150°	SMD	SOT23
15		2 RR1,RR2	100R/5%		ARRAY CHIP RES. 8R sing. 100R 5% 1506 CAY16-101J8LF BOURNS SMT	-55°..+125°	SMD	RR-8X-1506
16		1 R2	10M		CHIP RES. 10M 0402 1/16W 1%	-55°..+155°	SMD	RS-0402
17		2 R3,R4	10k		CHIP RES. 10K 0201 1/20W 1%		SMD	RS-0201
18		1 R7	1k		CHIP RES. 1K 0402 1/16W 1%	-55°..+155°	SMD	RS-0402
19		1 R8	1M		CHIP RES. 1M 1206 1/4W 1%		SMD	RS-1206
20		1 TVS1	SM6T6V8A		DIODO TVS TRANSIL UNIDIR. 600W 6.8V SM6T6V8A SMB SMT		SMD	SMB
21		1 U1	ISL9122AIINZ-T	ISL9122AIINZ-T	INTEGRATO DC DC CONVERTER ISL9122AIINZ-T RENESAS WLCSP8 SMT	-40°..+85°	SMD	WLCSP8
		25						

MECHANICAL

22		1 ASS1	KNOB M2.5x4		VITE TCEI 2.5X4 ESAGONO INCASSATO A2 INOX		THT	
23		2 ASS2,ASS3	M20-9991045	M20-9991045	STRIP 10P M/D P=2.54 M20-9991045 HARWIN		THT	
24		1 ASS4	213353-0100	213353-0100			THT	
25		1 OBJ1	9774025151R		DISTANZ. CIL. METALLO 5.1X2.5 9774025151R W.E SMT		SMD	DIST-WASMSIM0250
		5						

NOT MOUNTED

26		4 DS3,DS4,DS5,DS6	NU	BAV99BRVA-7	DIODE ARRAY 0.2A 75V BAV99BRVA-7 SOT563 DIODES SMT	-65°..+150°	SMD	SOT563
27		4 FID1,FID2,FID3,FID4	TPS		FIDUCIAL		SMD	FIDUCIAL
28		2 J4,J5	NU	M20-9991045	STRIP 10P M/D P=2.54 M20-9991045 HARWIN		THT	J-10-0254-MDT
		10						