

PROJECT	2017-3047 (NOTECARRIER-M2-PI)
REVISION	4
SCHEMATIC	20173047_NOTECARRIER-M2-PI_V4
DATA	23/09/2020

# Blues Inc

Item	Quantity	Reference	Part	MPN	Description	Temperature	Type	Package
1	1	C51	CS V4 4L 18um		C.S. NOTECARRIER-M2-PI V4 (65X56.5mm 4L/50/SR ENIG TG150 sp=1.6mm Cu=18um	TG150		
2	2	C1,C2	22u/25V-XSR		CHIP CERAMIC CAPACITOR 22uF 25V 10% XSR 1206	-55°..+85°	SMD	CS-C-1206
3	2	C3,C7	100n/16V		CHIP CERAMIC CAPACITOR 100nF 16V 10% X7R 0402		SMD	CS-C-0402
4	3	C4,C5,C6	33p/50V-C0G		CHIP CERAMIC CAPACITOR 33pF 50V 5% C0G 0402		SMD	CS-C-0402
5	1	C8	10n/1kV		CHIP CERAMIC CAPACITOR 10nF 1000V 10% X7R 1206		SMD	CS-C-1206
6	3	DSW1,DSW2,DSW3	DIP-SW-CHS-01TB		DIP SWITCH 1P/D NERO CHS-01TB COPAL SMT	-40°..+85°	SMD	DSS-CHS-01TB
7	2	DS1,DS2	STPS3H100U	STPS3H100U	DIODE SCHOTTKY 3A 100V STPS3H100U SMB SMT		SMD	SMB
8	1	F1	SF-0603F150-2	SF-0603F150-2	FAST BLOW FUSE 1.5A 32V 0603 SF-0603F150-2 BOURNS SMT	-40°..+105°	SMD	FS-0603
9	1	F2	3.5A/32V	0603SFV350F/32-2	FAST BLOW FUSE 3.5A 32V 0603 0603SFV350F/32-2 LITTELFUSE SMT	-55°..+125°	SMD	FS-0603
10	1	J1	2223	2223	STACKING HEADER 2x20P P=2.54 2223 ADAFRUIT	-40..+105	THT	J-20X2-0254-FDT-SSQx03
11	1	J2	NanoSim_SF72S006VBAR2500	SF72S006VBAR2500	CONNECTOR NANOSIM 8P F/90° PUSH+PUSH SF72S006VBAR2500 JAE ELECTRONICS SMT	-25°..+85°	SMD	J-NANOSIM-SF72S006VBA
12	1	J3	MDT420E01001		CONNECTOR M2 79P M/90° P=0.5 MDT420E01001 AMPHENOL SMT	-40°..+80°	SMD	J-75-0090-MOS-M2-E
13	1	J4	10118192-0002LF	10118192-0002LF	CONNECTOR USB F/90° TIPO MICRO-B C.S. 10118192-0002LF FCI SMT	-30°..+80°	SMD	J-5-0095-FOS-USB10118192-NOF
14	1	J5	GROVE		CONNECTOR GROVE 4P M/90° P=2.1125R-SMT-4P SEEDSTUDIO SMT		SMD	J-4-0200-MOS-GROVE
15	1	O8,J1	9774025151R		ROUND STANDOFF STEEL 5.1X2.5 9774025151R W.E SMT		SMD	DIST-WASMSIMO250
16	3	R1,R2,R3	22R		CHIP RESISTOR 22R 0603 1/16W 1%		SMD	RS-0603
17	1	R4	15k		CHIP RESISTOR 15K 0402 1/16W 1%	-55°..+155°	SMD	RS-0402
18	1	R5	1M		CHIP RESISTOR 1M 1206 1/4W 1%		SMD	RS-1206
19	8	R6,R7,R8,R9,R10,R11,R12,R13	100R		CHIP RESISTOR 100R 0402 1/16W 1%		SMD	RS-0402
20	2	TVS1,TVS3	SM6T6V8A		DIODE TVS TRANSIL UNIDIR. 600W 6.8V SM6T6V8A SMB SMT		SMD	SMB
21	1	TVS2	SM2T3V3A		DIODE TVS TRANSIL UNIDIR. 200W 3.6V SM2T3V3A DO216AA SMT		SMD	D-DO216AA
22	1	TVS4	ESDLC5V0M5-TP		DIODE TVS TRANSIL UNIDIR. 20W 5V ESDLC5V0M5-TP SOT563 SMT	-65°..+150°	SMD	SOT666

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## MECHANICAL

1	1	ASS1	SCREW M2.5x4		DIN 912 M2.5x4 HEX SOCKET HEAD CAP SCREW, FULLY-THREADED SHAFT, A2 STAINLESS		THT	
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## NOT MOUNTED

1	4	FID1,FID2,FID3,FID4	TPS		FIDUCIAL		SMD	FIDUCIAL
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