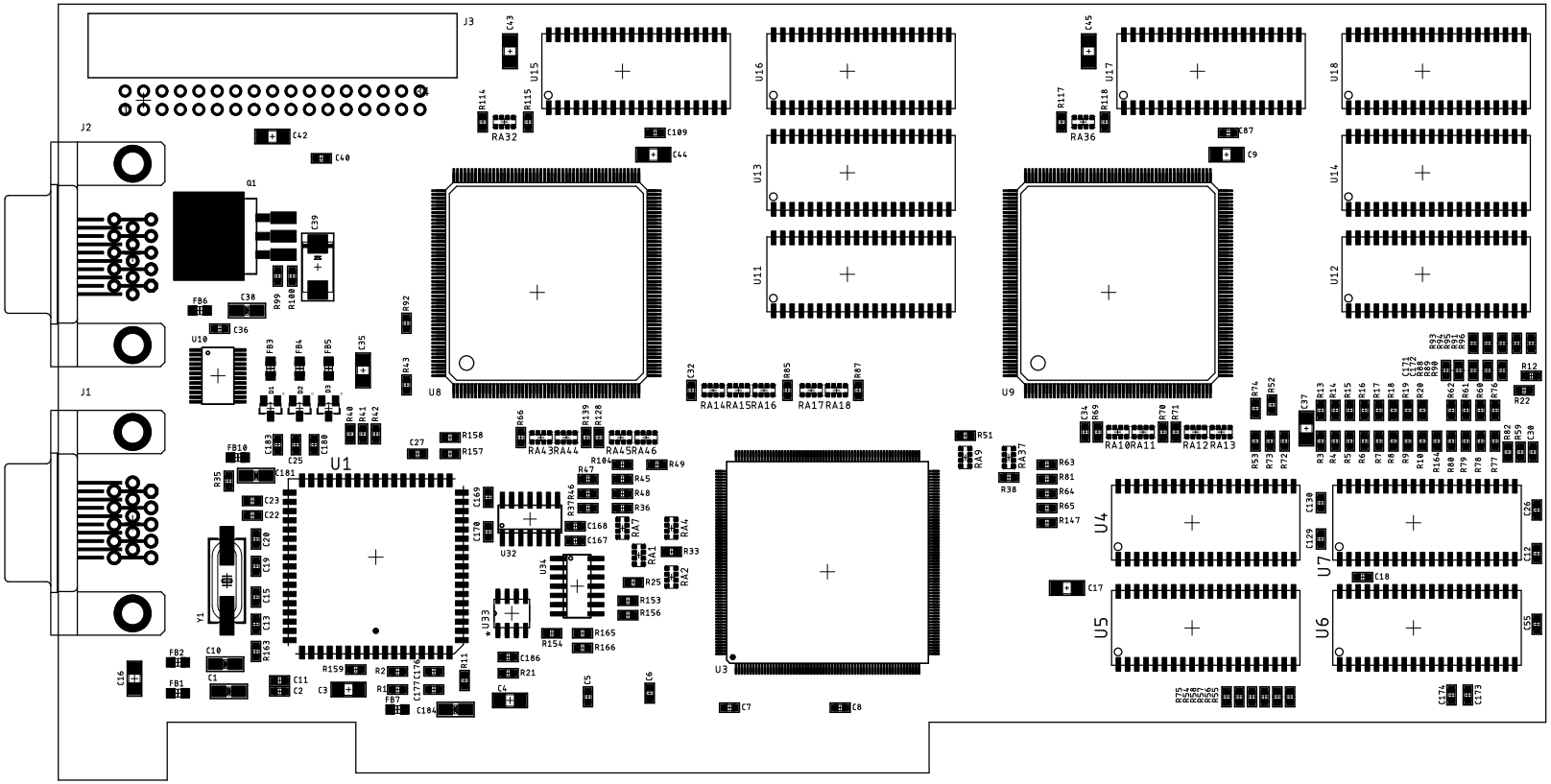

InnoVision Mighty 3DII V3
P/N: 9808-1101
9847
600-0027-03

DOC REV A01

PARTS	VALUE	PACKAGE	QTY	Note
FB3, FB4, FB5	70R@100MHz, >=0.5A	1206	3	
FB1, FB2, FB6, FB7, FB10	600R@100MHz, >=0.5A	1206	5	
RA9, RA32, RA36, RA37	10R	0603	4	
RA1, RA2, RA4, RA7, RA10, RA11, RA12, RA13, RA14, RA15, RA16, RA17, RA18, RA43, RA44, RA45, RA46	22R	0603	17	
R38, R51, R114, R115, R117, R118	10R	0603	6	
R11, R21, R25, R33, R36, R45, R46, R47, R48, R49, R66, R69, R70, R71, R85, R87, R104, R128, R139, R153, R154, R156, R157, R158, R159, R165, R166	22R	0603	27	
R2, R3, R5, R9, R14, R16, R17, R18, R20, R37, R43, R52, R54, R55, R56, R57, R58, R59, R60, R62, R63, R64, R65, R72, R73, R74, R76, R79, R88, R89, R91, R92, R95, R96, R147, R164	4.7kR	0603	36	
R1	1kR	0603	1	
R99	110R	0603	1	
R35	147R	0603	1	
R100	196R	0603	1	
R40, R41, R42	75R	0603	3	
R4, R6, R7, R8, R10, R12, R13, R15, R19, R22, R53, R61, R75, R77, R78, R80, R81, R82, R90, R93, R94, R163	DNP	0603	22	
C2, C5, C6, C7, C8, C15, C22, C23, C25, C26, C27, C32, C34, C36, C40, C55, C87, C109, C129, C168, C169, C171, C172, C173, C174, C177, C180	150nF 25V X7R	0603	27	
C11, C12, C18, C19, C130, C167, C170, C176, C183	1nF 25V X7R	0603	9	
C13, C20	22pF 50V NP0/C0G	0603	2	*1
C3, C4, C16, C35, C42,C9, C17, C37, C43, C44, C45	4.7uF 6.3V X7R	1206	11	*2
C186	0R	0603	1	
C30	DNP	0603	1	
C39	22uF 25V TANTALUM	7343	1	
C1, C10, C38, C181, C184	4.7uF 10V TANTALUM	3216	5	
U1	ICS5342-3	PLCC68	1	
U3	500-0009-01	QFP256	1	
U8, U9	500-0010-01	QFP208	2	
U32	74F125	SOIC14	1	*3
U34	74LCX04	SOIC14	1	*4
U10	PI5C3384Q	QSOP-24	1	*5
U4, U5, U6, U7, U11, U12, U13, U14, U15, U16, U17, U18	VT514264-25	SOJ40	12	*6
Q1	AS2830	TO-263-3	1	*7
D1, D2, D3	BAV99	SOT23-3	3	*8
Y1	14.318MHz	HC49UP	1	
J1	10090926-P154VLF	10090926-P*	1	*9
J2	ICD15S13E6GX00LF	ICD15S13E6G*	1	*10
J3	61203421721	61203421721	1	*11

Note 1. Value may vary between different manufacturing runs if another Y1 model was used.
Note 2. Can be replaced with higher value/higher voltage.
Note 3.
Note 4.
Note 5.
Note 6. Can be replaced with V53C16258HK22 V53C16258HK25 VT514264-25 M11B416256A-25J SM81C256K16CJ-25 etc.
Note 7.
Note 8.
Note 9. Not original P/N
Note 10. Not original P/N
Note 11. Not original P/N