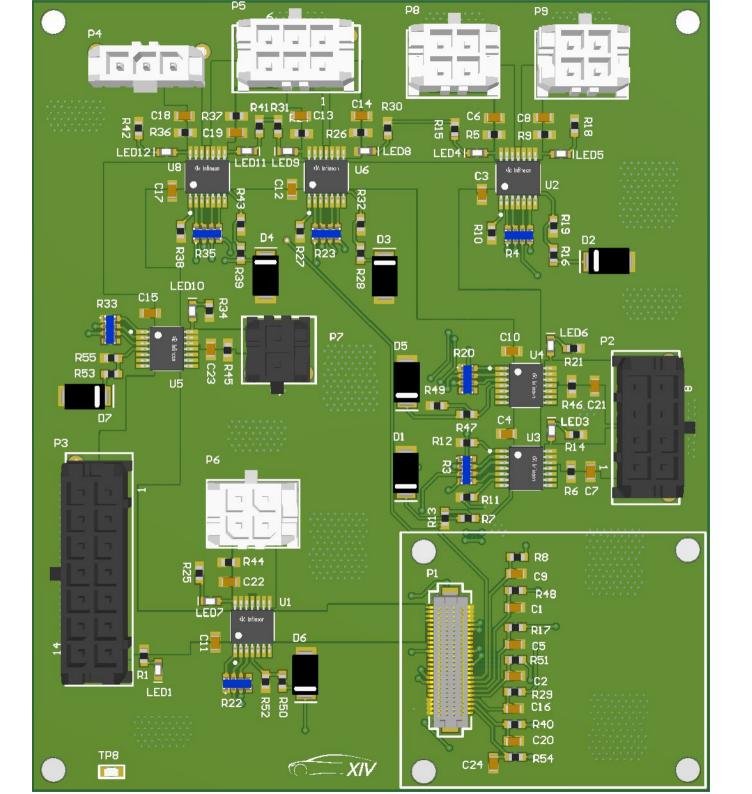
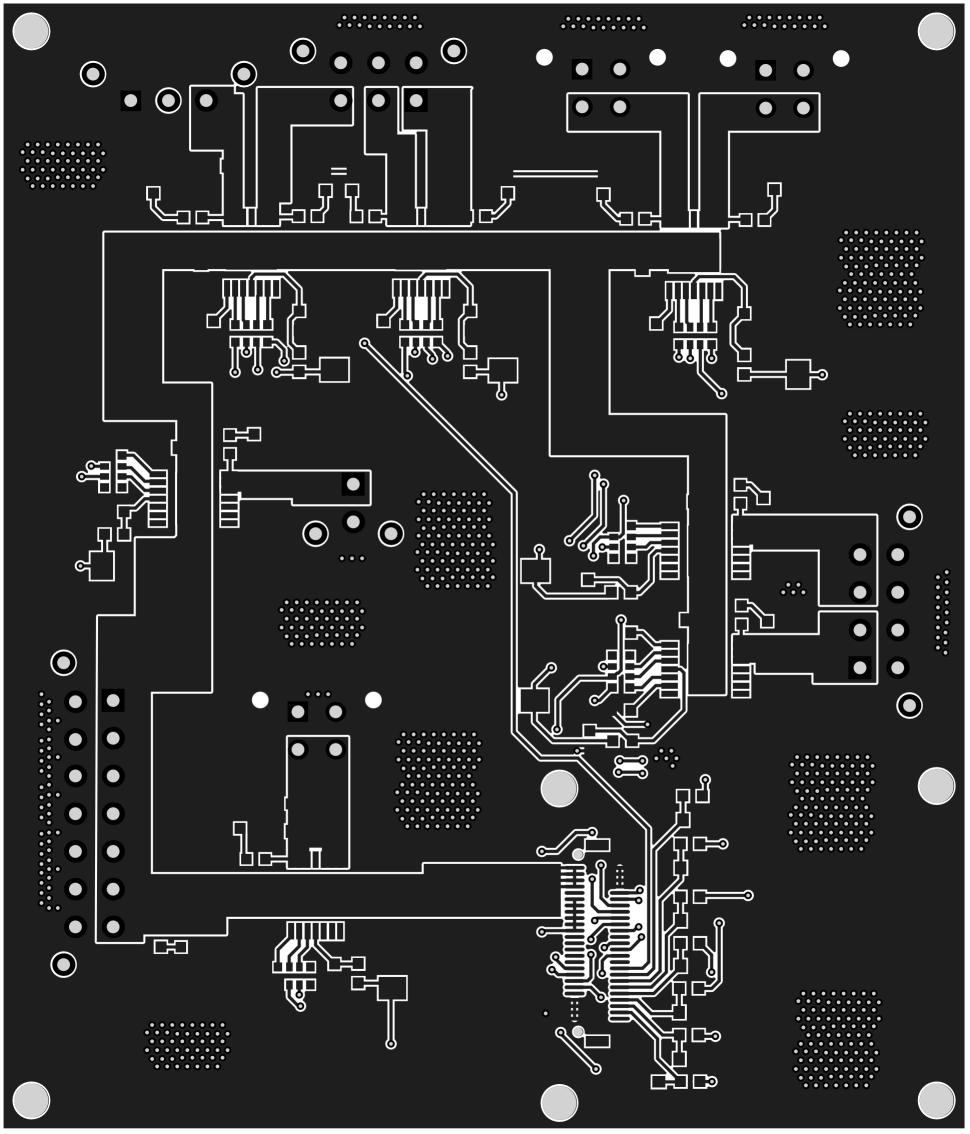


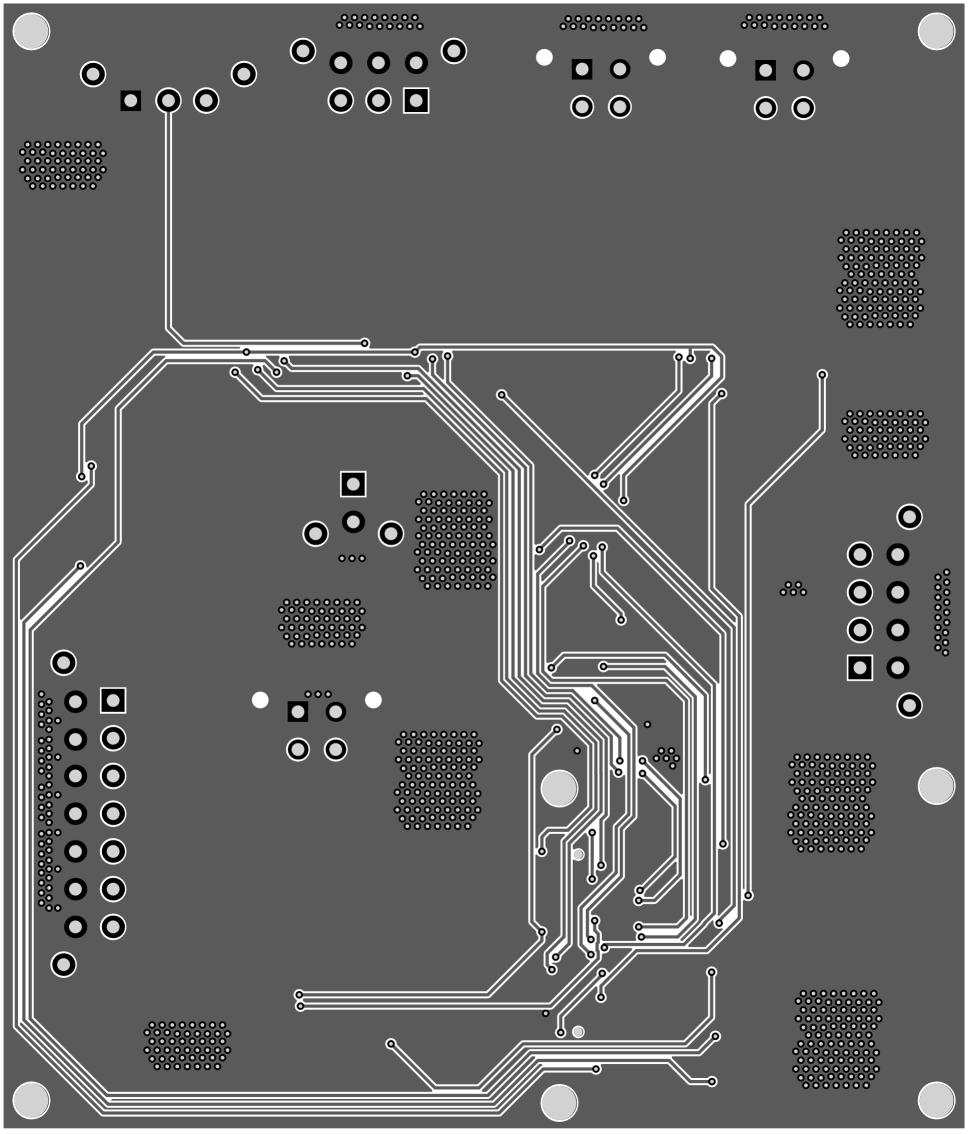
Bill of N	<i>l</i> laterials
Project:	/ISXIV_Front_Power_Distribution.PrjPc
Revision:	<parameter found="" not="" projectrevision=""></parameter>
Project Lead:	<parameter found="" not="" projectauthor=""></parameter>
Generated On:	2020-01-20 8:25 PM
Production Quantity:	1
Currency	CAD
Total Parts Count:	113



LibRef	Designator	Manufacturer 1	Manufacturer Part Number 1	Supplier 1	Supplier Part Number 1	Supplier Unit Price 1	Quantity	Supplier Subtotal 1
CAP CER 220PF 50V C0G/NP0 0603	C1, C2, C5, C9, C16, C20, C24	KEMET	C0603C221J5GACAUTO	Digi-Key	399-6868-1-ND	0.1568	7	\$ 1.10
CAP CER 0.1UF 50V 10% X7R 0603	C3, C4, C10, C11, C12, C15, C17	Kyocera AVX	06035C104KAT2A	Digi-Key	478-5052-1-ND	0.196	7	\$ 1.37
CAP CER 10nF 50V 5% X7R 0603	6, C7, C8, C13, C14, C18, C19, C21, C22, C2	KEMET	C0603C103J5JACTU	Digi-Key	399-13384-1-ND	0.2927	10	\$ 2.93
DIODE ZENER 5.1V 500MW SOD123	D1, D2, D3, D4, D5, D6, D7	ON Semiconductor	MMSZ5231BT1G	Digi-Key	MMSZ5231BT1GOSCT-NE	0.26134	7	\$ 1.83
LED GREEN CLEAR 2V 0603	LED1	Wurth Electronics	150060VS75000	Digi-Key	732-4980-1-ND	0.18294	1	\$ 0.18
LED YELLOW CLEAR 2.1V 0603	, LED5, LED6, LED7, LED8, LED9, LED10, LE	Wurth Electronics	150060YS75000	Digi-Key	732-4981-1-ND	0.18294	10	\$ 1.83
CONN 50POS Bergstak Plug 0.02"	P1	Amphenol FCI	10132797-055100LF	Digi-Key	609-5226-1-ND	1.88	1	\$ 1.88
CONN 8POS MICRO-FIT 3mm	P2	Molex	43045-0827	Digi-Key	WM10684-ND	2.18	1	\$ 2.18
CONN 14POS MICRO-FIT 3mm	P3	Molex	430451427	Digi-Key	WM10707-ND	4.26	1	\$ 4.26
CONN 3POS MICROFIT	P4	Molex	436500315	Digi-Key	WM1918-ND	1.35	1	\$ 1.35
CONN 6POS MICRO-FIT 3mm	P5	Molex	43045-0627	Digi-Key	WM10673-ND	2.06	1	\$ 2.06
CONN 4POS MICRO-FIT 3mm	P6, P8, P9	Molex	430450427	Digi-Key	WM10667-ND	1.75	3	\$ 5.25
CONN 2POS MICRO-FIT 3mm	P7	Molex	430450227	Digi-Key	WM10657-ND	1.1	1	\$ 1.10
RES 4.7K OHM 1% 1/10W 0603	16, R17, R28, R29, R39, R40, R47, R48, R50, I	Yageo Phycomp	RC0603FR-074K7L	Digi-Key	311-4.70KHRCT-ND	0.03005	15	\$ 0.45
RES ARRAY 4 RES 4.7K OHM 1206	R3, R4, R20, R22, R23, R33, R35	Panasonic	EXB-38V472JV	Digi-Key	Y9472CT-ND	0.13067	7	\$ 0.91
RES 47K OHM 1% 1/10W 0603	R10, R12, R24, R26, R27, R36, R37, R38, R4	Panasonic	ERJ3EKF4702V	Digi-Key	P47.0KHCT-ND	0.07448	14	\$ 1.04
RES 10K OHM 1% 1/10W 0603	R14, R15, R18, R21, R25, R30, R31, R34, R41	Yageo Phycomp	RC0603FR-0710KL	Digi-Key	311-10.0KHRCT-ND	0.03005	11	\$ 0.33
RES 1.21K OHM 1% 1/10W 0603	R13, R19, R32, R43, R49, R52, R55	Yageo	RC0603FR-071K21L	Digi-Key	311-1.21KHRCT-ND	0.13067	7	\$ 0.91
Test Point 0603 SMD	TP8	CGS - TE CONNECTIVITY	RCU-0C	Digi-Key	A106145CT-ND	0.31361	1	\$ 0.31
IC LOAD SWITCH BTS70081EPPXUMA1	U1	Infineon	BTS70081EPPXUMA1	Digi-Key	TS70081EPPXUMA1CT-N	2.73	1	\$ 2.73
C LOAD SWITCH BTS7200-2EPA PG-TSDSO-14_	U2, U3, U6, U8	Infineon	BTS72002EPAXUMA1	Digi-Key	TS72002EPAXUMA1CT-N	1.7	4	\$ 6.79
C LOAD SWITCH BTS70401EPA PG-TSDSO-14-2	U4, U5	Infineon	BTS70401EPAXUMA1	Digi-Key	TS70401EPAXUMA1CT-N	1.74	2	\$ 3.48
		-					Total:	\$ 44.29







Design Rules Verification ReportFilename : C:\Users\Aashmika Mali\Documents\First Year\Midnight Sun\hardware\MSXIV_
FrontPowerDistribution\Front Power Distribution.PcbDoc

Warnings 0 Rule Violations 189

Warnings	
Total	0

Rule Violations	
Clearance Constraint (Gap=5.984mil) (All),(All)	0
Short-Circuit Constraint (Allowed=No) (All),(All)	0
Un-Routed Net Constraint ((All))	0
Modified Polygon (Allow modified: No), (Allow shelved: No)	0
Width Constraint (Min=10mil) (Max=20mil) (Preferred=10mil) (All)	0
Power Plane Connect Rule(Relief Connect)(Expansion=20mil) (Conductor Width=10mil) (Air Gap=10mil) (Entries=4)	0
Hole Size Constraint (Min=1mil) (Max=100mil) (All)	7
Hole To Hole Clearance (Gap=10mil) (All),(All)	0
Minimum Solder Mask Sliver (Gap=10mil) (All),(All)	128
Silk To Solder Mask (Clearance=10mil) (IsPad),(All)	54
Silk to Silk (Clearance=10mil) (All),(All)	0
Net Antennae (Tolerance=0mil) (All)	0
Height Constraint (Min=0mil) (Max=1000mil) (Prefered=500mil) (All)	0
Total	189

Hole Size Constraint (Min=1mil) (Max=100mil) (All)
Hole Size Constraint: (106.299mil > 100mil) Pad Free-(1751.969mil,1074.803mil) on Multi-Layer Actual Hole Size = 106.299mil
Hole Size Constraint: (106.299mil > 100mil) Pad Free-(1751.969mil,90.551mil) on Multi-Layer Actual Hole Size = 106.299mil
Hole Size Constraint: (106.299mil > 100mil) Pad Free-(2933.071mil,1082.677mil) on Multi-Layer Actual Hole Size = 106.299mil
Hole Size Constraint: (106.299mil > 100mil) Pad Free-(2933.071mil,3444.882mil) on Multi-Layer Actual Hole Size = 106.299mil
Hole Size Constraint: (106.299mil > 100mil) Pad Free-(2933.071mil,98.425mil) on Multi-Layer Actual Hole Size = 106.299mil
Hole Size Constraint: (106.299mil > 100mil) Pad Free-(98.425mil,3444.882mil) on Multi-Layer Actual Hole Size = 106.299mil
Hole Size Constraint: (106.299mil > 100mil) Pad Free-(98.425mil,98.425mil) on Multi-Layer Actual Hole Size = 106.299mil

Minimum Colder Mock Cliver (Con 10mil) (All)
Minimum Solder Mask Sliver (Gap=10mil) (AII),(AII) Minimum Solder Mask Sliver Constraint: (4.145mil < 10mil) Between Pad P1-(1811.024mil,312.992mil) on Multi-Layer And Pad
Minimum Solder Mask Sliver Constraint: (4.145mil < 10mil) Between Pad P1-(1811.024mil,868.11mil) on Multi-Layer And Pad
Minimum Solder Wask Silver Constraint: (4.145mil < 10mil) Between Pad R20-1(1921.26mil,1896.85mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (3.811mil < 10mil) Between Pad R20-2(1921.26mil,1862.205mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (3.01 mil < 10mil) Between Pad R20-3(1921.26mil,1830.709mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (4.205mil < 10mil) Between Pad R20-5(1976.378mil,1796.063mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (3.811mil < 10mil) Between Pad R20-6(1976.378mil,1830.709mil) on Top Layer And Pad Minimum Solder Mask Sliver Constraint: (4.305mil < 10mil) Between Pad R20-7(1976.378mil,1830.709mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (4.205mil < 10mil) Between Pad R20-7(1976.378mil,1862.205mil) on Top Layer And Pad Minimum Solder Mask Sliver Constraint: (4.205mil < 10mil) Between Pad R20-7(1976.378mil,1862.205mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (4.205mil < 10mil) Between Pad R22-1(870.866mil,460.63mil) on Top Layer And Pad
M22in2 (905:5512en it/HzsQx.63inveit) Constraint: (3.811mil < 10mil) Between Pad R22-2 (905.512mil, 460.63mil) on Top Layer And Pad
M2216 (937:5008en it/Hess C. 63 inveit) Constraint: (4.205 mil < 10 mil) Between Pad R22-3 (937.008 mil, 460.63 mil) on Top Layer And Pad
Rizairá (97715656den i Massik 638 nocif) Constraint: (4.205 mil < 10 mil) Between Pad R22-5 (971.654 mil, 515.748 mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (3.811mil < 10mil) Between Pad R22-6(937.008mil,515.748mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (4.205mil < 10mil) Between Pad R22-7(905.512mil,515.748mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (4.205mil < 10mil) Between Pad R23-1(1268.504mil,2472.441mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (3.811mil < 10mil) Between Pad R23-2(1303.15mil,2472.441mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (4.205mil < 10mil) Between Pad R23-3(1334.646mil,2472.441mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (4.205mil < 10mil) Between Pad R23-5(1369.291mil,2527.559mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (3.811mil < 10mil) Between Pad R23-6(1334.646mil,2527.559mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (4.205mil < 10mil) Between Pad R23-7(1303.15mil,2527.559mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (4.205mil < 10mil) Between Pad R3-1(1917.323mil,1491.339mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (3.811mil < 10mil) Between Pad R3-2(1917.323mil,1456.693mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (4.205mil < 10mil) Between Pad R3-3(1917.323mil,1425.197mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (4.205mil < 10mil) Between Pad R33-1(326.772mil,2118.11mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (3.811mil < 10mil) Between Pad R33-2(326.772mil,2083.465mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (4.205mil < 10mil) Between Pad R33-3(326.772mil,2051.968mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (4.205mil < 10mil) Between Pad R33-5(381.89mil,2017.323mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (3.811mil < 10mil) Between Pad R33-6(381.89mil,2051.968mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (4.205mil < 10mil) Between Pad R33-7(381.89mil,2083.465mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (4.205mil < 10mil) Between Pad R3-5(1972.441mil,1390.551mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (4.205mil < 10mil) Between Pad R35-1(737.008mil,2472.441mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (3.811mil < 10mil) Between Pad R35-2(771.654mil,2472.441mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (4.205mil < 10mil) Between Pad R35-3(803.15mil,2472.441mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (4.205mil < 10mil) Between Pad R35-5(837.795mil,2527.559mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (3.811mil < 10mil) Between Pad R35-6(803.15mil,2527.559mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (4.205mil < 10mil) Between Pad R35-7(771.654mil,2527.559mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (3.811mil < 10mil) Between Pad R3-6(1972.441mil,1425.197mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (4.205mil < 10mil) Between Pad R3-7(1972.441mil,1456.693mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (4.205mil < 10mil) Between Pad R4-1(2126.772mil,2464.567mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (3.811mil < 10mil) Between Pad R4-2(2161.418mil,2464.567mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (4.205mil < 10mil) Between Pad R4-3(2192.914mil,2464.567mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (4.205mil < 10mil) Between Pad R4-5(2227.559mil,2519.685mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (3.811mil < 10mil) Between Pad R4-6(2192.914mil,2519.685mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (4.205mil < 10mil) Between Pad R4-7(2161.418mil,2519.685mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (7.874mil < 10mil) Between Pad U1-1(911.417mil,627.953mil) on Top Layer And Pad
Minar (Rum . 500 Butteil , 16/2 is R 55 Binneil) Constraint: (7.874 mil < 10 mil) Between Pad U1-10 (1013.779 mil ,852.362 mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (7.874mil < 10mil) Between Pad U1-10(1013.779mil,852.362mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (7.874mil < 10mil) Between Pad U1-11(988.189mil,852.362mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (7.874mil < 10mil) Between Pad U1-12(962.598mil,852.362mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (7.874mil < 10mil) Between Pad U1-13(937.008mil,852.362mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (7.874mil < 10mil) Between Pad U1-2(937.008mil,627.953mil) on Top Layer And Pad
M1n3r(R/m3-598theil Kr/a/s/R/58ineil)Constraint: (7.874mil < 10mil) Between Pad U1-3(962.598mil,627.953mil) on Top Layer And Pad
U1-4(988.189mil.627.953mil)

Minimum Solder Mask Sliver (Gap=10mil) (All),(All)
Minimum Solder Mask Sliver Constraint: (7.874mil < 10mil) Between Pad U1-4(988.189mil,627.953mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (7.874mil < 10mil) Between Pad U1-5(1013.779mil,627.953mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (7.874mil < 10mil) Between Pad U1-6(1039.37mil,627.953mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (7.874mil < 10mil) Between Pad U1-8(1064.961mil,852.362mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (7.874mil < 10mil) Between Pad U2-1(2096.457mil,2631.89mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (7.874mil < 10mil) Between Pad U2-10(2198.819mil,2856.299mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (7.874mil < 10mil) Between Pad U2-10(2198.819mil,2856.299mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (7.874mil < 10mil) Between Pad U2-11(2173.229mil,2856.299mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (7.874mil < 10mil) Between Pad U2-12(2147.638mil,2856.299mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (7.874mil < 10mil) Between Pad U2-13(2122.047mil,2856.299mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (7.874mil < 10mil) Between Pad U2-2(2122.047mil,2631.89mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (7.874mil < 10mil) Between Pad U2-3(2147.638mil,2631.89mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (7.874mil < 10mil) Between Pad U2-4(2173.229mil,2631.89mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (7.874mil < 10mil) Between Pad U2-5(2198.819mil,2631.89mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (7.874mil < 10mil) Between Pad U2-6(2224.41mil,2631.89mil) on Top Layer And Pad U2-7(2250mil,2631.89mil)
Minimum Solder Mask Sliver Constraint: (7.874mil < 10mil) Between Pad U2-8(2250mil,2856.299mil) on Top Layer And Pad
M2n9(22n24561deil 2085sk. 2999milt) onstraint: (7.874mil < 10mil) Between Pad U3-1(2096.457mil,1525.085mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (7.874mil < 10mil) Between Pad U3-10(2320.866mil,1422.722mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (7.874mil < 10mil) Between Pad U3-10(2320.866mil,1422.722mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (7.874mil < 10mil) Between Pad U3-11(2320.866mil,1448.313mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (7.874mil < 10mil) Between Pad U3-12(2320.866mil,1473.903mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (7.874mil < 10mil) Between Pad U3-13(2320.866mil,1499.494mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (7.874mil < 10mil) Between Pad U3-2(2096.457mil,1499.494mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (7.874mil < 10mil) Between Pad U3-3(2096.457mil,1473.903mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (7.874mil < 10mil) Between Pad U3-4(2096.457mil,1448.313mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (7.874mil < 10mil) Between Pad U3-5(2096.457mil,1422.722mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (7.874mil < 10mil) Between Pad U3-6(2096.457mil,1397.132mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (7.874mil < 10mil) Between Pad U3-8(2320.866mil,1371.541mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (7.874mil < 10mil) Between Pad U4-1(2096.457mil,1895.669mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (7.874mil < 10mil) Between Pad U4-10(2320.866mil,1793.307mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (7.874mil < 10mil) Between Pad U4-10(2320.866mil,1793.307mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (7.874mil < 10mil) Between Pad U4-11(2320.866mil,1818.898mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (7.874mil < 10mil) Between Pad U4-12(2320.866mil,1844.488mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (7.874mil < 10mil) Between Pad U4-13(2320.866mil,1870.079mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (7.874mil < 10mil) Between Pad U4-2(2096.457mil,1870.079mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (7.874mil < 10mil) Between Pad U4-3(2096.457mil,1844.488mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (7.874mil < 10mil) Between Pad U4-4(2096.457mil,1818.898mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (7.874mil < 10mil) Between Pad U4-5(2096.457mil,1793.307mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (7.874mil < 10mil) Between Pad U4-6(2096.457mil,1767.717mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (7.874mil < 10mil) Between Pad U4-8(2320.866mil,1742.126mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (7.874mil < 10mil) Between Pad U5-1(494.094mil,2058.825mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (7.874mil < 10mil) Between Pad U5-10(718.504mil,1956.463mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (7.874mil < 10mil) Between Pad U5-10(718.504mil,1956.463mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (7.874mil < 10mil) Between Pad U5-11(718.504mil,1982.053mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (7.874mil < 10mil) Between Pad U5-12(718.504mil,2007.644mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (7.874mil < 10mil) Between Pad U5-13(718.504mil,2033.234mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (7.874mil < 10mil) Between Pad U5-2(494.094mil,2033.234mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (7.874mil < 10mil) Between Pad U5-3(494.094mil,2007.644mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (7.874mil < 10mil) Between Pad U5-4(494.094mil,1982.053mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (7.874mil < 10mil) Between Pad U5-5(494.094mil,1956.463mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (7.874mil < 10mil) Between Pad U5-6(494.094mil,1930.872mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (7.874mil < 10mil) Between Pad U5-8(718.504mil,1905.281mil) on Top Layer And Pad

Monday 20 Jan 2020 8:25:52 PN

Minimum Solder Mask Sliver (Gap=10mil) (All),(All)
Minimum Solder Mask Sliver Constraint: (7.874mil < 10mil) Between Pad U6-1(1242.126mil,2639.764mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (7.874mil < 10mil) Between Pad U6-10(1344.488mil,2864.173mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (7.874mil < 10mil) Between Pad U6-10(1344.488mil,2864.173mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (7.874mil < 10mil) Between Pad U6-11(1318.898mil,2864.173mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (7.874mil < 10mil) Between Pad U6-12(1293.307mil,2864.173mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (7.874mil < 10mil) Between Pad U6-13(1267.717mil,2864.173mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (7.874mil < 10mil) Between Pad U6-2(1267.717mil,2639.764mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (7.874mil < 10mil) Between Pad U6-3(1293.307mil,2639.764mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (7.874mil < 10mil) Between Pad U6-4(1318.898mil,2639.764mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (7.874mil < 10mil) Between Pad U6-5(1344.488mil,2639.764mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (7.874mil < 10mil) Between Pad U6-6(1370.079mil,2639.764mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (7.874mil < 10mil) Between Pad U6-8(1395.669mil,2864.173mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (7.874mil < 10mil) Between Pad U8-1(710.63mil,2639.764mil) on Top Layer And Pad
Man 2 (17.3) ին. Ֆշիտ (1.2) ին (1.2)
Minimum Solder Mask Sliver Constraint: (7.874mil < 10mil) Between Pad U8-10(812.992mil,2864.173mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (7.874mil < 10mil) Between Pad U8-11(787.402mil,2864.173mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (7.874mil < 10mil) Between Pad U8-12(761.811mil,2864.173mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (7.874mil < 10mil) Between Pad U8-13(736.22mil,2864.173mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (7.874mil < 10mil) Between Pad U8-2(736.22mil,2639.764mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (7.874mil < 10mil) Between Pad U8-3(761.811mil,2639.764mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (7.874mil < 10mil) Between Pad U8-4(787.402mil,2639.764mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (7.874mil < 10mil) Between Pad U8-5(812.992mil,2639.764mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (7.874mil < 10mil) Between Pad U8-6(838.583mil,2639.764mil) on Top Layer And Pad
Minimum Solder Mask Sliver Constraint: (7.874mil < 10mil) Between Pad U8-8(864.173mil,2864.173mil) on Top Layer And Pad

Silk To Solder Mask (Clearance=10mil) (IsPad),(All)
Silk To Solder Mask Clearance Constraint: (0.478mil < 10mil) Between Arc (1266.226mil,2454.247mil) on Top Overlay And Pad
Silk To Solder Mask Clearance Constraint: (6.658mil < 10mil) Between Arc (1899.129mil,1493.617mil) on Top Overlay And Pad
Silk To Solder Mask Clearance Constraint: (6.658mil < 10mil) Between Arc (1903.066mil,1899.129mil) on Top Overlay And Pad
Silk To Solder Mask Clearance Constraint: (0.478mil < 10mil) Between Arc (2124.494mil,2446.373mil) on Top Overlay And Pad
Silk To Solder Mask Clearance Constraint: (6.658mil < 10mil) Between Arc (308.577mil,2120.389mil) on Top Overlay And Pad
Silk To Solder Mask Clearance Constraint: (0.478mil < 10mil) Between Arc (734.73mil,2454.247mil) on Top Overlay And Pad
Silk To Solder Mask Clearance Constraint: (0.478mil < 10mil) Between Arc (868.588mil,442.436mil) on Top Overlay And Pad
Bটাইনাওস্তাঞ্চলপানাঙ্গতে। 63mil): e Constraint: (Collision < 10mil) Between Pad C13-1(1231.299mil,3023.622mil) on Top Layer And Text "R24"
Silk To Solder Mask Clearance Constraint: (Collision < 10mil) Between Pad C13-2(1178.15mil,3023.622mil) on Top Layer And Text "R24"
Silk To Solder Mask Clearance Constraint: (9.832mil < 10mil) Between Pad C13-2(1178.15mil,3023.622mil) on Top Layer And Text "R31"
Silk To Solder Mask Clearance Constraint: (9.724mil < 10mil) Between Pad D1-2(1673.228mil,1350.394mil) on Top Layer And Track
Silk To Solder Mask Clearance Constraint: (9.724mil < 10mil) Between Pad D2-2(2499.567mil,2371.063mil) on Top Layer And Track
Silk To Solder Mask Clearance Constraint: (9.724mil < 10mil) Between Pad D3-2(1574.803mil,2383.307mil) on Top Layer And Track
Silk To Solder Mask Clearance Constraint: (9.724mil < 10mil) Between Pad D4-2(1047.244mil,2385.827mil) on Top Layer And Track
Silk To Solder Mask Clearance Constraint: (9.724mil < 10mil) Between Pad D5-2(1677.165mil,1755.906mil) on Top Layer And Track
Silk To Solder Mask Clearance Constraint: (9.724mil < 10mil) Between Pad D6-2(1228.347mil,450.236mil) on Top Layer And Track
Silk To Solder Mask Clearance Constraint: (9.724mil < 10mil) Between Pad D7-2(318.898mil,1771.653mil) on Top Layer And Track
Silk To Solder Mask Clearance Constraint: (8.213mil < 10mil) Between Pad LED10-2(720.472mil,2181.102mil) on Top Layer And Track
Silk To Solder Mask Clearance Constraint: (8.213mil < 10mil) Between Pad LED11-2(994.095mil,2866.535mil) on Top Layer And Track
Silk To Solder Mask Clearance Constraint: (8.213mil < 10mil) Between Pad LED1-2(566.929mil,519.685mil) on Top Layer And Track
Silk To Solder Mask Clearance Constraint: (8.213mil < 10mil) Between Pad LED12-2(574.803mil,2862.205mil) on Top Layer And Track
Silk To Solder Mask Clearance Constraint: (8.213mil < 10mil) Between Pad LED3-2(2322.441mil,1647.638mil) on Top Layer And Track
Silk To Solder Mask Clearance Constraint: (8.213mil < 10mil) Between Pad LED4-2(1960.63mil,2858.268mil) on Top Layer And Track
Silk To Solder Mask Clearance Constraint: (8.213mil < 10mil) Between Pad LED5-2(2393.701mil,2854.331mil) on Top Layer And Track
Silk To Solder Mask Clearance Constraint: (8.213mil < 10mil) Between Pad LED6-2(2318.504mil,2025.591mil) on Top Layer And Track
Silk To Solder Mask Clearance Constraint: (8.213mil < 10mil) Between Pad LED7-2(771.654mil,854.331mil) on Top Layer And Track
Silk To Solder Mask Clearance Constraint: (8.213mil < 10mil) Between Pad LED8-2(1521.654mil,2866.535mil) on Top Layer And Track
Silk To Solder Mask Clearance Constraint: (8.213mil < 10mil) Between Pad LED9-2(1116.142mil,2865.748mil) on Top Layer And Track
Silk To Solder Mask Clearance Constraint: (8.78mil < 10mil) Between Pad P1-1(1940.945mil,826.771mil) on Top Layer And Track
Silk To Solder Mask Clearance Constraint: (8.767mil < 10mil) Between Pad P1-25(1940.945mil,354.331mil) on Top Layer And Track
Silk To Solder Mask Clearance Constraint: (9.4mil < 10mil) Between Pad P1-26(1799.213mil,354.331mil) on Top Layer And Track
Silk To Solder Mask Clearance Constraint: (9.401mil < 10mil) Between Pad P1-50(1799.213mil,826.771mil) on Top Layer And Track
Silk To Solder Mask Clearance Constraint: (7.376mil < 10mil) Between Pad P2-0(2848.032mil,1334.646mil) on Multi-Layer And Track
Silk To Solder Mask Clearance Constraint: (9.281mil < 10mil) Between Pad P2-0(2848.032mil,1334.646mil) on Multi-Layer And Track
Silk To Solder Mask Clearance Constraint: (9.918mil < 10mil) Between Pad P2-0(2848.032mil,1925.197mil) on Multi-Layer And Track
Silk To Solder Mask Clearance Constraint: (9.281mil < 10mil) Between Pad P2-0(2848.032mil,1925.197mil) on Multi-Layer And Track
Silk To Solder Mask Clearance Constraint: (9.918mil < 10mil) Between Pad P3-0(199.213mil,1468.504mil) on Multi-Layer And Track
Silk To Solder Mask Clearance Constraint: (9.281mil < 10mil) Between Pad P3-0(199.213mil,1468.504mil) on Multi-Layer And Track
Silk To Solder Mask Clearance Constraint: (9.281mil < 10mil) Between Pad P3-0(199.213mil,523.622mil) on Multi-Layer And Track
Silk To Solder Mask Clearance Constraint: (7.375mil < 10mil) Between Pad P3-0(199.213mil,523.622mil) on Multi-Layer And Track
Silk To Solder Mask Clearance Constraint: (8.4mil < 10mil) Between Pad P5-0(1421.26mil,3383.465mil) on Multi-Layer And Track
Silk To Solder Mask Clearance Constraint: (9.281mil < 10mil) Between Pad P5-0(1421.26mil,3383.465mil) on Multi-Layer And Track
Silk To Solder Mask Clearance Constraint: (9.022mil < 10mil) Between Pad P5-0(948.819mil,3383.465mil) on Multi-Layer And Track
Silk To Solder Mask Clearance Constraint: (9.281mil < 10mil) Between Pad P5-0(948.819mil,3383.465mil) on Multi-Layer And Track
Silk To Solder Mask Clearance Constraint: (8.4mil < 10mil) Between Pad P7-0(1224.409mil,1872.441mil) on Multi-Layer And Track
Silk To Solder Mask Clearance Constraint: (5.801mil < 10mil) Between Pad P7-0(1224.409mil,1872.441mil) on Multi-Layer And Track
Silk To Solder Mask Clearance Constraint: (5.801mil < 10mil) Between Pad P7-0(988.189mil,1872.441mil) on Multi-Layer And Track
Silk To Solder Mask Clearance Constraint: (7.053mil < 10mil) Between Pad P7-0(988.189mil,1872.441mil) on Multi-Layer And Track
Silk To Solder Mask Clearance Constraint: (5.827mil < 10mil) Between Pad TP8-1(328.74mil,90.551mil) on Top Layer And Track
Silk To Solder Mask Clearance Constraint: (4.843mil < 10mil) Between Pad TP8-1(328.74mil,90.551mil) on Top Layer And Track
Silk To Solder Mask Clearance Constraint: (5.827mil < 10mil) Between Pad TP8-1(328.74mil,90.551mil) on Top Layer And Track
Silk To Solder Mask Clearance Constraint: (5.827mil < 10mil) Between Pad TP8-1(389.764mil,90.551mil) on Top Layer And Track

Monday 20 Jan 2020 8:25:52 PN.

Silk To Solder Mask (Clearance=10mil) (IsPad),(All)
Silk To Solder Mask Clearance Constraint: (5.827mil < 10mil) Between Pad TP8-1(389.764mil,90.551mil) on Top Layer And Track

Silk To Solder Mask Clearance Constraint: (4.843mil < 10mil) Between Pad TP8-1(389.764mil,90.551mil) on Top Layer And Track

