
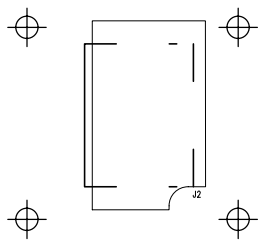


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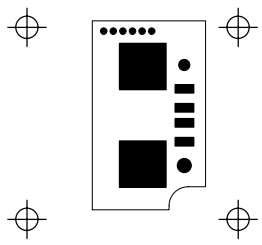
Model 353		1D203693
USB Adapter		
NEXT ASSY	QTY 1	REV A ECN #
USED	803693	DATE 07/21/2008
FILE 103693A	803693	DATE 07/21/2008

 Elphel, Inc <small>http://www.elphel.com</small>	1 OF 1
DESIGNED	Andrey Filippov
DRAWN	Andrey Filippov
DATE	03/02/2008
PRINTED	7/21/2008 AT 8:53:32 PM

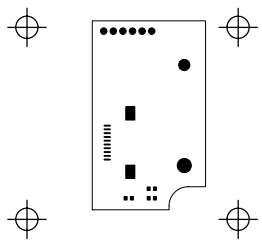
SUB-ASSEMBLY														
USAGE	#		NO.			RELEASE DATE	07/21/08	P/L	REV.	REV.	Units to	Total	Cost per	
353	1		TITLE			JOB#	N/A	DATE	LTR	DATE	Build	Cost	Unit	
Model 353 USB Adapter PCB Assembly 803693														
PCB Assembly 803693														
# TO	MFGR					WORK ORDER #	N/A							
NEXT	ASSY					NON STANDARD NOTATIONS								
DESIGNATOR	ITEM	QTY	EXT	STK	ROHS	DESCRIPTION	PART	MANUFAC	VENDOR	PURCH	UNIT	TOTAL	NEW	
NUMBER	#	REQ	QTY	CHK			#	TURER	VENDOR	PART #	QTY	PRICE	STOCK	
Related Documents														
	0.5	1	1			Schematic 103693a (803693), Model 353	1D203693 Rev.A	Designed by Andrey Filippov						
	20	1	1			Fabrication (803693), Model 353	4F203693 Rev.A							
	21	1	1			Artwork (803693), Model 353	4G203693 Rev.A							
Capacitors														
C1	40	1	1		Y	Capacitor, Ceramic Chip, 0.1µF, 10V, C0402D	C0402C104K8PA CTU	Kemet	Digi-Key	399-3027-1-ND	10	0.083	0.83	9
Inductors and LC filters														
L1-L2	41	2	2		Y	SMD Inductor, 120 Ohm, 1.2A, SMD 0402	MPZ1005S121C	TDK	Digi-Key	445-2981-1-ND	2	0	0	0
Connectors														
J1	42	1	1		Y	0.5 mm-Pitch Flip-Lock FPC Connector, top contact, 10 pos., FH12A-10S-0.5SH55	FH12A-10S-0.5SH55	Hirose	Digi-Key	HFK110CT-ND	1	1.77	1.77	0
J2	43	1	1		Y	USB type A Female connector, Right Angle, SMT, 1A, 54366-0478	54366-0478	Molex	Mouser	538-54366-0478	1	4.77	4.77	0



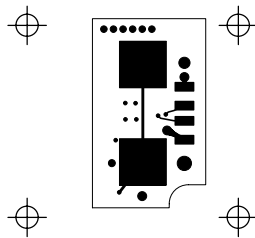
SILKSCREEN TOP			



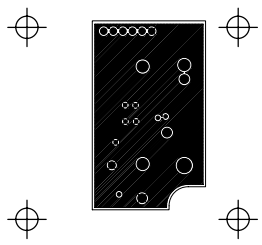
	SOLDER MASK TOP		



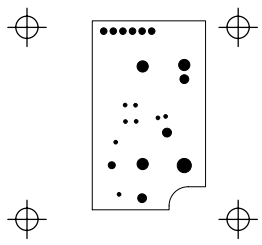
		SOLDER MASK BOTTOM	



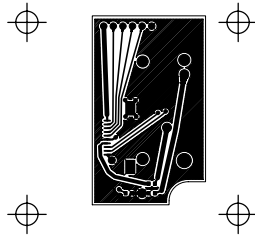
TOP SIDE (LAYER-1)			
	COMPONENT COPPER TOP (L-18)		



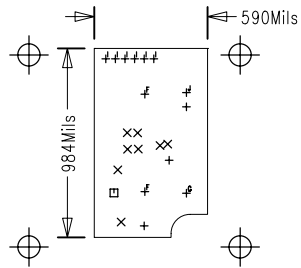
	GND PLANE (LAYER-2)		



		PWR PLANE (LAYER-3)	



			BOTTOM SIDE (LAYER-4)
			COMPONENT COPPER BOTTOM (L-19)

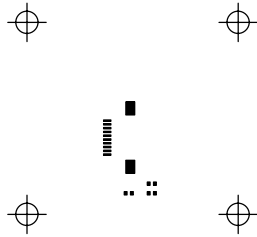


DRILL DRAWING			

SIZE	QTY	SYM	PLTD
32	3	+	PLTD
10	8	X	PLTD
22	1	□	PLTD
39.37	2	F	PLTD
59.06	1	G	PLTD
25	6	I	PLTD
43.31	1	J	PLTD



	PASTE TOP		



			PASTE BOTTOM