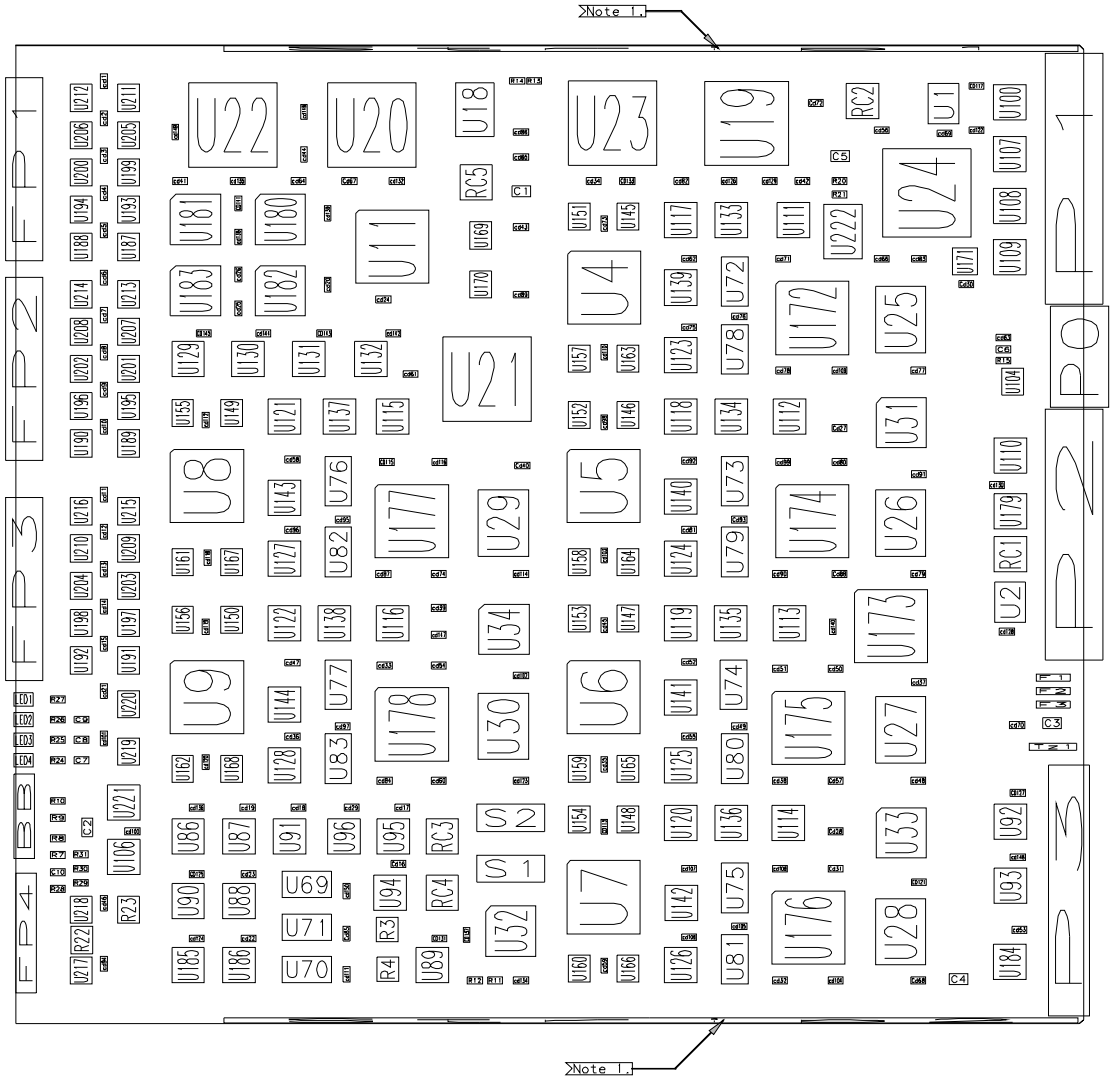


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# Board Station BOM file
# date : Monday May 4, 1998; 09:32:04
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REFERENCE	GEOMETRY	COUNT	DESCRIPTION
U104	soic16	1	1241WF
Tz1	do41	1	5KP5.0A-tronz.sprs
U100 U221	soic20	2	SN74BCT7600DW
U179 U184 U185 U186	soic20	4	idt74fct574aso
U219 U220	soic16	2	74HCT123D
U90 - U96	soic20	25	74hct244d
U111 - U128			
U86 - U89	soic20	20	74hct245d
U129 - U144			
U145 - U170	soic16	26	741s670n
U217 U218	soic16	2	DS90C32ATM
LED1, LED4	LED553	2	555-0332 Yellow/Green LED
LED2	LED553	1	555-0331 Yellow/Red LED
LED3	LED553	1	555-0321 Green/Red LED
C6 - C10	1206	155	capacitor, 0.1uF
cd1 - cd150			
C1 - C5	49BC_H	5	capacitor, 10uF
BB	conn2x5	1	conn10
P3	conn44x6_hm	1	conn44x6
P1 P2	conn5x32	2	conn160
P0	conn19x6_ERNI	1	conn19x5_GP
FP4	conn_20_AMP	1	conn20
FP1 FP2 FP3	conn80_Ho	3	conn80
U69 - U83	soj28	15	cy7c199-15vc
U187 - U216	soic16	30	DS90C031ATM
U31 - U34	Sock_44	8	EPM7064SLC44-10
U180 - U183			
U25 - U30	sock_qfp_100	6	EPM7128SQC100-15
U24	PQFP_160	1	EPM7128SQC160-7
U20 - U23	sock_84	4	EPM7128SLC84-10
U19	QFP_208	1	EPM7256SQC208-15
F1	fuse_holder	1	IDA Pico ii fuse
U18,U222	delay_soic	2	fxidm-ttl-250
S1 S2	dip20	2	10 Bit DIP Switch
U4 - U9, U11	jedec_sq_68	14	idt722051b25j
U172 - U178			
U106 - U110	soic20	5	IDT74FCT541ASO
U171	dip8	1	MDU_38F_10
R15, R28	1206	2	resistor, 100, 1/8W,5%
R27	1206	1	resistor, 240, 1/8W,5%
R20, R21	1206	2	resistor, 390, 1/8W,5%
R7-R10,R29-R31	1206	7	resistor, 1K, 1/8W,5%
R25	1206	1	resistor, 10K, 1/8W,5%
R24, R26	1206	2	resistor, 100K, 1/8W,5%
R11 - R14	1206	4	resistor, 1M, 1/8W,5%
R22 R23	soic16	2	766163101GSP(100 Ohm res. pack)
R3 R4	soic14	2	766141102GSP(1K Ohm res. pack)
U1 U2	soic48	2	SN74ABTE16245DW
RC1 - RC5	soic20	5	PRC202750K/50DM

The BOM part numbers are for reference only.

See spread sheet for complete parts list.

Note 1.

Thse are ground conntact strips; use the openings in the paste mask to apply solder on them.

Note 2.

Only F1 is used and has the spring sockets installed: use silkscreen for reference.

UNIVERSITY OF CHICAGO
ELECTRONICS DEVELOPMENT GROUP

TITLE CDF L1 DIRAC Board Assembly Drawing

SHEET 1 OF 1
DATE 3/29/99
DRAWN M. Bogdan

C- 2353
REV E