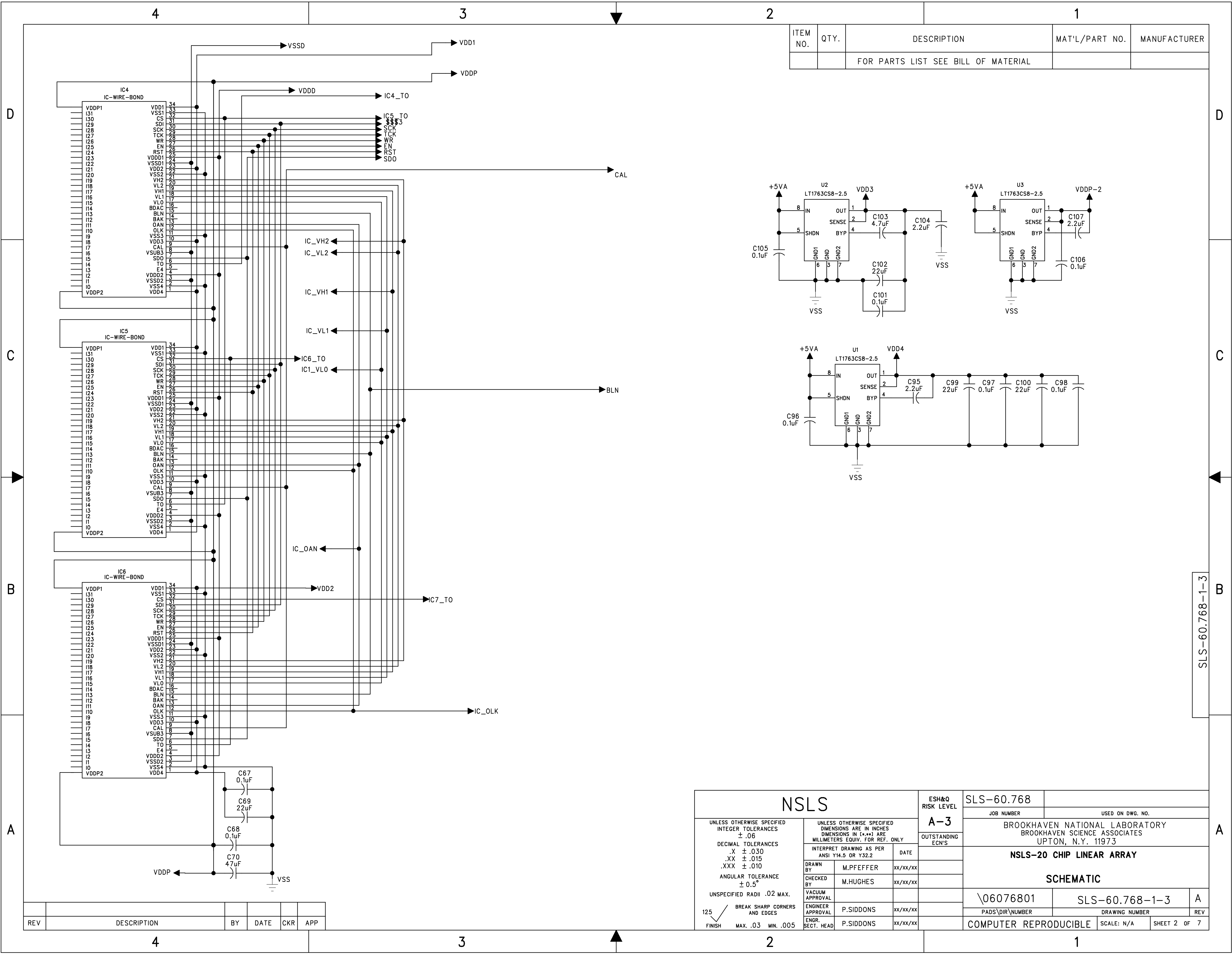


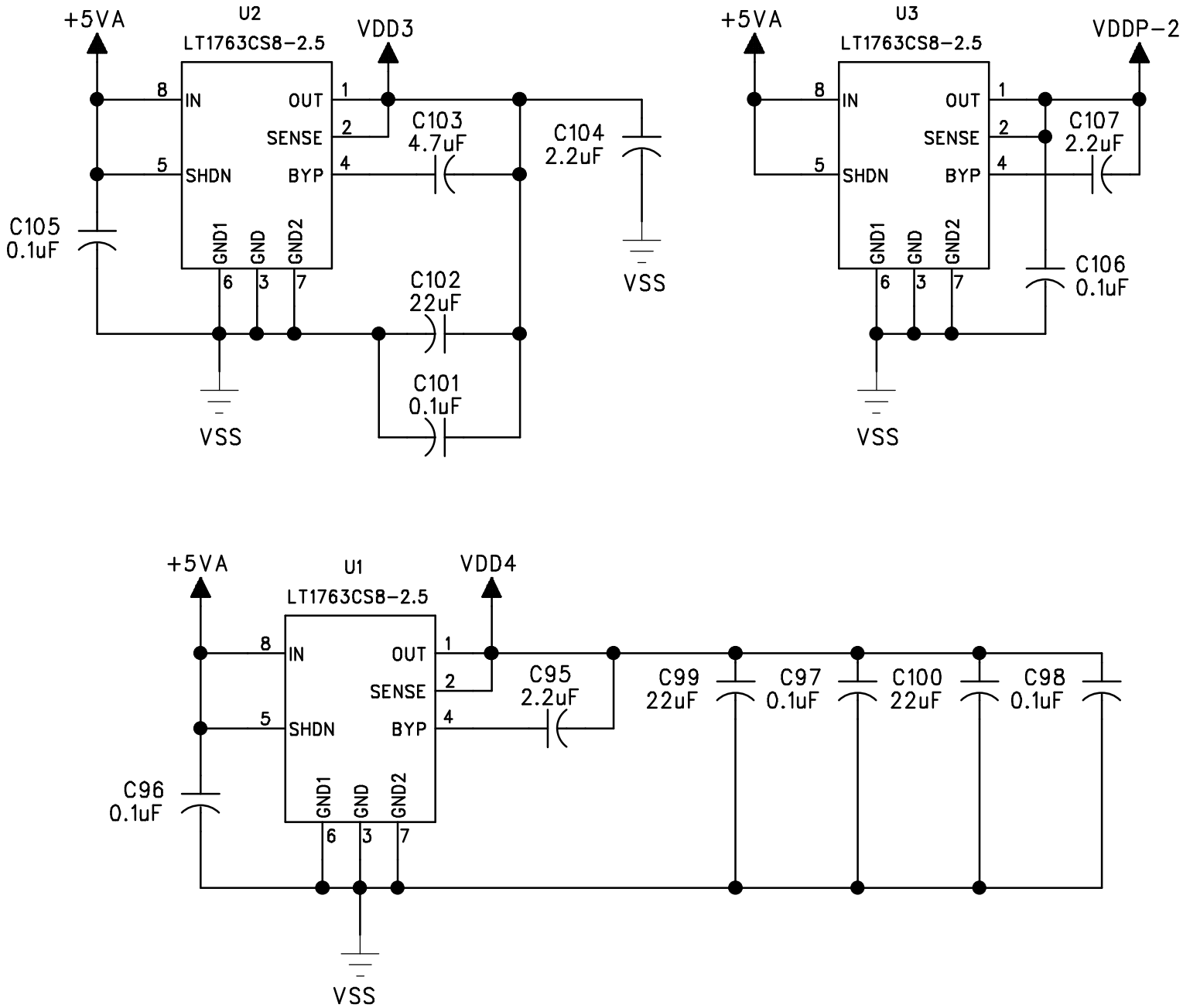
ITEM NO.	QTY.	DESCRIPTION	MAT'L/PART NO.	MANUFACTURER
FOR PARTS LIST SEE BILL OF MATERIAL				


SDI	J1-19
SDO	J1-18
SCK	J1-17
RST	J1-16
WR	J1-15
EN	J1-14
TCK	J1-13
CS1	J1-12
TO	J1-11
CAL	J1-10
CAL	J1-9
VSS	J1-8
VSS	J1-7
+5VD	J1-6
VSS	J1-5
VSS	J1-4
VSS	J1-3
VSS	J1-2
+5VA	J1-1
DETECTOR_BIAS	J1-37
VSS	J1-36
OLK	J1-35
OAN	J1-34
VSS	J1-33
VSS	J1-32
VSS	J1-31
VL2	J1-30
VH2	J1-29
VH1	J1-28
VL0	J1-27
J2-3	J1-26
J2-4	J1-25
J2-5	J1-24
J2-6	J1-23
J2-7	J1-22
J2-8	J1-21

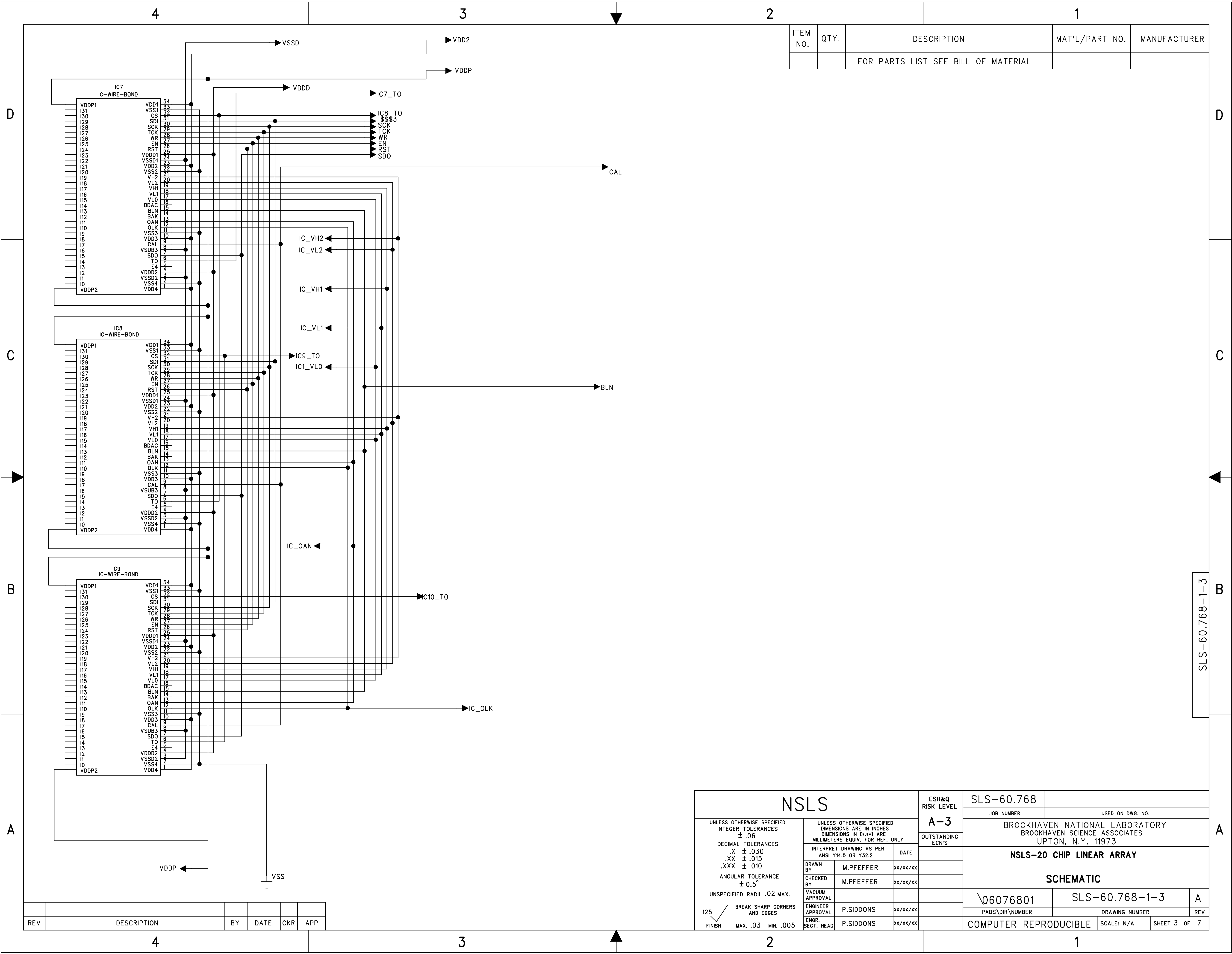
NSLS		ESH&Q RISK LEVEL	SLS-60.768	
UNLESS OTHERWISE SPECIFIED INTEGER TOLERANCES ± .06 DECIMAL TOLERANCES .X ± .030 .XX ± .015 .XXX ± .010 ANGULAR TOLERANCE ± 0.5° UNSPECIFIED RADII .02 MAX. BREAK SHARP CORNERS AND EDGES FINISH MAX. .03 MIN. .005		A-3	JOB NUMBER	USED ON DWG. NO.
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES DIMENSIONS IN (****) ARE MILLIMETERS EQUIV. FOR REF. ONLY INTERPRET DRAWING AS PER ANSI Y14.5 OR Y32.2		OUTSTANDING ECN'S	BROOKHAVEN NATIONAL LABORATORY BROOKHAVEN SCIENCE ASSOCIATES UPTON, N.Y. 11973	
DRAWN BY M.PFEFFER CHECKED BY M.HUGHES		DATE xx/xx/xx xx/xx/xx	NSLS-20 CHIP LINEAR ARRAY	
VACUUM APPROVAL ENGINEER APPROVAL ENGR. SECT. HEAD		P.SIDDONS xx/xx/xx xx/xx/xx	SCHEMATIC	
125			06076801	SLS-60.768-1-3
COMPUTER REPRODUCIBLE			PADS\DIR\NUMBER	DRAWING NUMBER
			SCALE: N/A	SHEET 1 OF 7



ITEM NO.	QTY.	DESCRIPTION	MAT'L/PART NO.	MANUFACTURER
		FOR PARTS LIST SEE BILL OF MATERIAL		

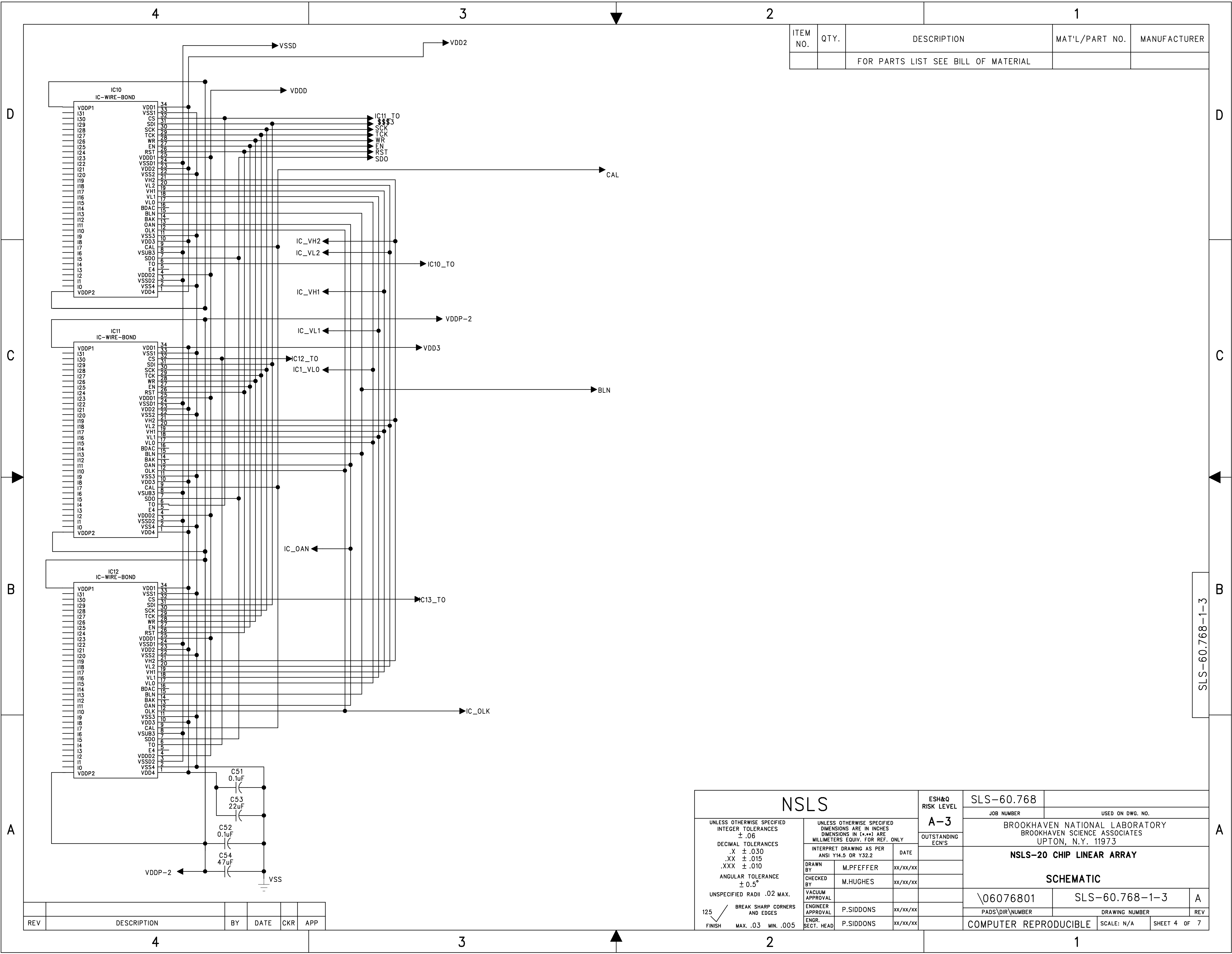


NSLS				ESH&Q RISK LEVEL		SLS-60.768			
<div>UNLESS OTHERWISE SPECIFIED INTEGER TOLERANCES ± .06</div> <div>DECIMAL TOLERANCES .X ± .030 .XX ± .015 .XXX ± .010</div> <div>ANGULAR TOLERANCE ± 0.5°</div> <div>UNSPECIFIED RADII .02 MAX.</div> <div>125  BREAK SHARP CORNERS AND EDGES</div> <div>FINISH MAX. .03 MIN. .005</div>				A-3		JOB NUMBER		USED ON DWG. NO.	
				OUTSTANDING ECN'S		BROOKHAVEN NATIONAL LABORATORY BROOKHAVEN SCIENCE ASSOCIATES UPTON, N.Y. 11973			
						NSLS-20 CHIP LINEAR ARRAY			
						SCHEMATIC			
						\06076801		SLS-60.768-1-3	
				PADS\DIR\NUMBER		DRAWING NUMBER		REV	
				COMPUTER REPRODUCIBLE		SCALE: N/A		SHEET 2 OF 7	



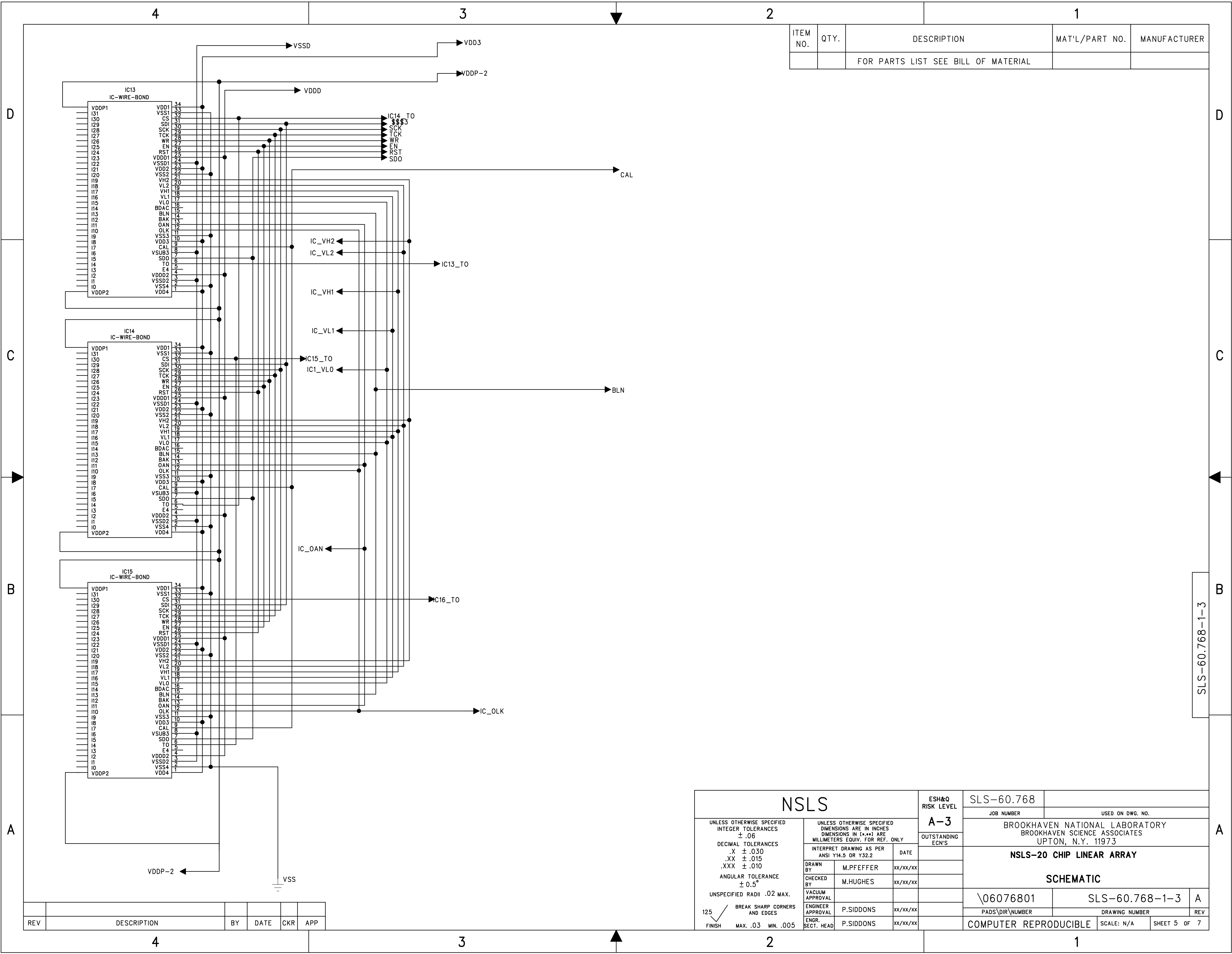
ITEM NO.	QTY.	DESCRIPTION	MAT'L/PART NO.	MANUFACTURER
		FOR PARTS LIST SEE BILL OF MATERIAL		

NSLS		ESH&Q RISK LEVEL	SLS-60.768	
		A-3	JOB NUMBER	USED ON DWG. NO.
UNLESS OTHERWISE SPECIFIED INTEGER TOLERANCES ± .06 DECIMAL TOLERANCES .X ± .030 .XX ± .015 .XXX ± .010 ANGULAR TOLERANCE ± 0.5° UNSPECIFIED RADII .02 MAX. 125 BREAK SHARP CORNERS AND EDGES FINISH MAX. .03 MIN. .005		OUTSTANDING ECN'S	BROOKHAVEN NATIONAL LABORATORY BROOKHAVEN SCIENCE ASSOCIATES UPTON, N.Y. 11973	
		INTERPRET DRAWING AS PER ANSI Y14.5 OR Y32.2	NSLS-20 CHIP LINEAR ARRAY	
		DRAWN BY M.PFEFFER xx/xx/xx	SCHEMATIC	
		CHECKED BY M.PFEFFER xx/xx/xx	V06076801	
		VACUUM APPROVAL	SLS-60.768-1-3	
		ENGINEER APPROVAL P.SIDDONS xx/xx/xx	PADS\DIR\NUMBER	
		ENGR. SECT. HEAD P.SIDDONS xx/xx/xx	DRAWING NUMBER	
			COMPUTER REPRODUCIBLE	SCALE: N/A
				SHEET 3 OF 7



ITEM NO.	QTY.	DESCRIPTION	MAT'L/PART NO.	MANUFACTURER
		FOR PARTS LIST SEE BILL OF MATERIAL		

NSLS		ESH&Q RISK LEVEL	SLS-60.768		
		A-3	JOB NUMBER	USED ON DWG. NO.	
UNLESS OTHERWISE SPECIFIED INTEGER TOLERANCES ± .06 DECIMAL TOLERANCES .X ± .030 .XX ± .015 .XXX ± .010 ANGULAR TOLERANCE ± 0.5° UNSPECIFIED RADII .02 MAX.		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES DIMENSIONS IN () ARE MILLIMETERS EQUIV. FOR REF. ONLY		BROOKHAVEN NATIONAL LABORATORY BROOKHAVEN SCIENCE ASSOCIATES UPTON, N.Y. 11973	
		INTERPRET DRAWING AS PER ANSI Y14.5 OR Y32.2	DATE	NSLS-20 CHIP LINEAR ARRAY	
DRAWN BY		M.PFEFFER	xx/xx/xx	SCHEMATIC	
CHECKED BY		M.HUGHES	xx/xx/xx		
VACUUM APPROVAL				\06076801	
ENGINEER APPROVAL		P.SIDDONS	xx/xx/xx	SLS-60.768-1-3	
ENGR. SECT. HEAD		P.SIDDONS	xx/xx/xx	PADS\DIR\NUMBER	REV
FINISH		MAX. .03 MIN. .005	COMPUTER REPRODUCIBLE	SCALE: N/A	SHEET 4 OF 7



ITEM NO.	QTY.	DESCRIPTION	MAT'L/PART NO.	MANUFACTURER
		FOR PARTS LIST SEE BILL OF MATERIAL		

NSLS		ESH&Q RISK LEVEL	SLS-60.768		
		A-3	JOB NUMBER	USED ON DWG. NO.	
UNLESS OTHERWISE SPECIFIED INTEGER TOLERANCES ± .06 DECIMAL TOLERANCES .X ± .030 .XX ± .015 .XXX ± .010 ANGULAR TOLERANCE ± 0.5° UNSPECIFIED RADII .02 MAX. 125 BREAK SHARP CORNERS AND EDGES FINISH MAX. .03 MIN. .005		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES DIMENSIONS IN (****) ARE MILLIMETERS EQUIV. FOR REF. ONLY		BROOKHAVEN NATIONAL LABORATORY BROOKHAVEN SCIENCE ASSOCIATES UPTON, N.Y. 11973	
		INTERPRET DRAWING AS PER ANSI Y14.5 OR Y32.2		OUTSTANDING ECN'S	
		DRAWN BY	M.PFEFFER	xx/xx/xx	NSLS-20 CHIP LINEAR ARRAY
		CHECKED BY	M.HUGHES	xx/xx/xx	
		VACUUM APPROVAL			SCHEMATIC
		ENGINEER APPROVAL	P.SIDDONS	xx/xx/xx	
		ENGR. SECT. HEAD	P.SIDDONS	xx/xx/xx	COMPUTER REPRODUCIBLE
		\06076801		SLS-60.768-1-3	A
		PADS\DIR\NUMBER		DRAWING NUMBER	REV
		SCALE: N/A		SHEET 5 OF 7	

