

REF DES	PARTNAME	DISP_PWR	GND	MD_COM	P5D	P5M	P5MD	SGND	VBAT	VDD	V_BACKUP
U8,U9,U101, U102	HM628128LFP-10		16								32
U100	MC68306		1,13,22, 34,46,55, 67,79,88, 100,112, 121		7,28,40, 61,73,94, 106,127						
U103,U104	E28F008BV-B		23,39		30,31						
U106	RT64613		1,12,21								24
U107	SED1335FOB	21	36								
U108	HM62256ALFP-12SL	28	14								
U109-111	74HC126		7						14		
U112	74HC126		7								14
U113,U173, U175	74HC125		7		14						
U114	LTC694		3		2						
U115	68C681CJ		22		44						
U119	74HC4094DT							8		16	
U120	74HC74		7		14						
U123	74CT14M		7		14						
U125	ADG513							5		13	
U126,U130, U134	ADG513							5		13	
U135	DG444DY			5		12					
U158	74HC02			7		14					
U166	74HC4094DT			8		16					
U171	74HC393		7		14						

LAST_MODIFIED=Fri Sep 28 05:09:33 2007

FLUKE.	FLUKE CORPORATION P.O. BOX C9090 EVERETT, WA. 98206	DWN -	-	SCHEMATIC, MAIN												
89536	DO NOT SCALE DRAWING	CHK GARY KIRCHBERGER	PROJ ENGR LARRY ECCLESTON													
UNLESS OTHERWISE SPECIFIED		MFG ENGR MARK LOCKMAN	FINISH													
TOLERANCE .XX = +/- .XXX = +/- ANGLES = +/-	DIMENSIONS IN INCHES XX =			<table><tr><td>PART NO.</td><td>SIZE</td><td colspan="2">DRAWING NO.</td></tr><tr><td></td><td>D</td><td colspan="2">FLUKE-744-1032</td></tr><tr><td>SCALE</td><td>SH 1</td><td>OF 5</td><td>REV 110</td></tr></table>	PART NO.	SIZE	DRAWING NO.			D	FLUKE-744-1032		SCALE	SH 1	OF 5	REV 110
PART NO.	SIZE	DRAWING NO.														
	D	FLUKE-744-1032														
SCALE	SH 1	OF 5	REV 110													

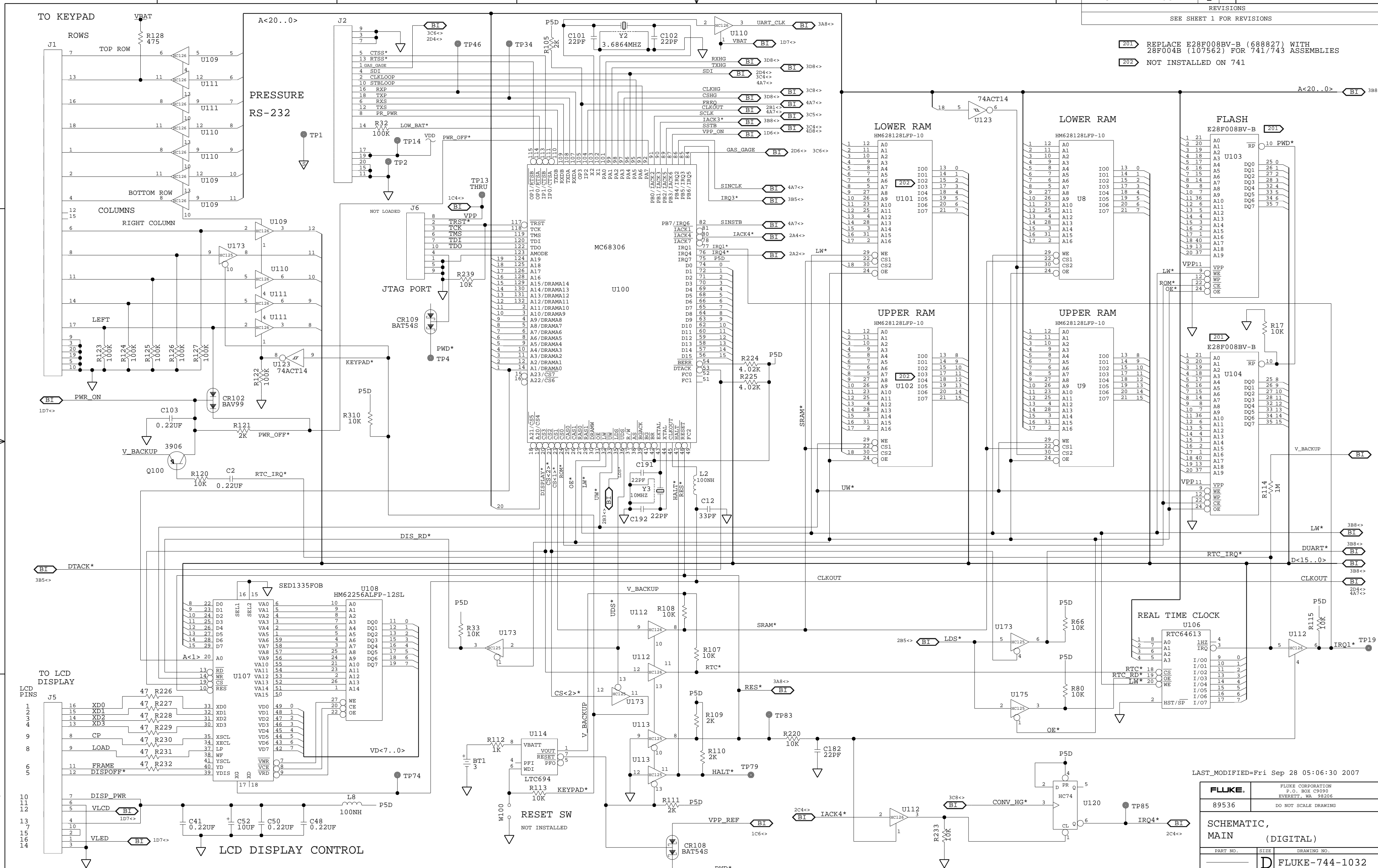
PROPRIETARY

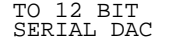
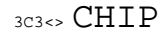
DWG NO.		FLUKE-744-1032		SH		1	
REVISIONS							
REV	DESCRIPTION						DRAWN
104	W1031234:VALUE R301 WAS 215K,R303 WAS 825K,R304 WAS 200K R305 R314 WAS 402K,R315 WAS 1K,R316 WAS 330K,R317 WAS 51K						
105	W1050371:VALUE R128 WAS 1K,(SHEET 2)						
106	W1050690:ADDED R142 AND R143,(SHEET 3)						
107	W1051943:REVISED TOL R142 AND R143,(SHEET 3)						
108	W1061703,REVISED SINE WAVE GENERATOR CIRCUIT(SHEET 4) DELETED C149,C157,CR1,R22,R39,R56,R64,R65,U17/ADDED C315-C319,R323						
109	W2003643 U128 WAS DAC7800						
110	W2009382: SH 2 ADDED NO LOAD TO J6						

NOTES: UNLESS OTHERWISE SPECIFIED:

1. ALL RESISTOR VALUES ARE IN OHMS.
CAPACITOR VALUES ARE IN MICROFARADS.

REF DES	
LAST USED	NOT USED
BP6	
BT1	
C319	C61-100,C107-112,C114,C115,C121,C131,C132,C149,C157,C159,C170,C176-181,C183,C187190,C198,C200,C204-206,C208-211,C215-219,C225-299,C303,C305,C306,C321-313
CR301	CR1,CR3-99,CR101,CR106,CR111-299
J7	
K4	K3
L16	L1,L9-12
LS1	
M7	
Q201	Q6-99,Q101-104,Q109-Q199
R323	R22,R25,R39,R56,R64,R65,R70,R84-100,R130-140,R144,R149,R153,R163-165,R175-179,R181-218,R221,R222,R240-299
TP103	TP9,TP18,TP20,TP22,TP25,TP30,TP37,TP38,TP41,TP42,TP47,TP52,TP53,TP59,TP60,TP63,TP68,TP69,TP75,TP84,TP86-101
U175	U17,U19,U20-99,U105,U116,U122,U127,U130-U133,U138,U139,U145-157,U159-161,U167-169
W100	W1-99
WP2	
Y3	
Z12	Z1,Z2,Z7-10





301 COMPONENTS IN DOTTED AREA NOT INSTALLED ON 741/743



LAST_MODIFIED=Wed Mar 28 11:20:14 2007

FLUKE.	FLUKE CORPORATION P.O. BOX C9090 EVERTT, WA 98036
89536	DO NOT SCALE DRAWINGS
SCHEMATIC, MAIN (ISOLATION)	
PART NO. _____	SIZE _____ DRAWING NO. _____
D _____	FLUKE-744-1032
SCALE _____	SH 3 OF 5 REV 110

PROPRIETARY





DO NOT SCALE DRAWING

FLUKE-744-1032

PROPRIETARY