

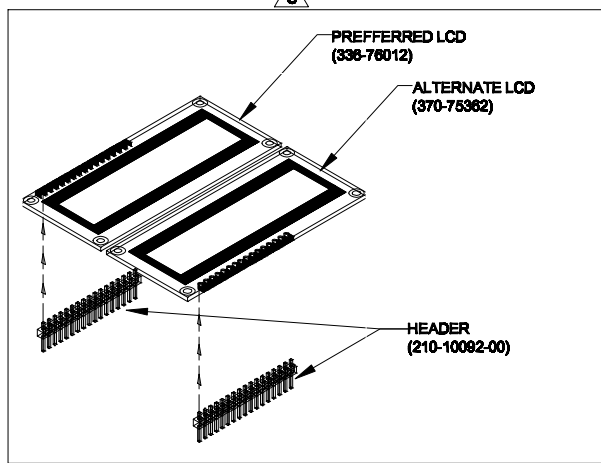
CE 0673

FCC ID: RUN1320X-QE128EVB

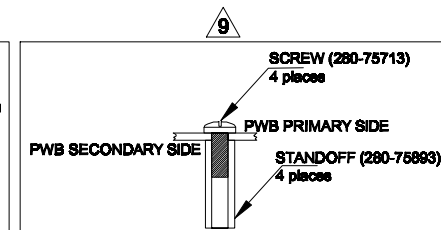
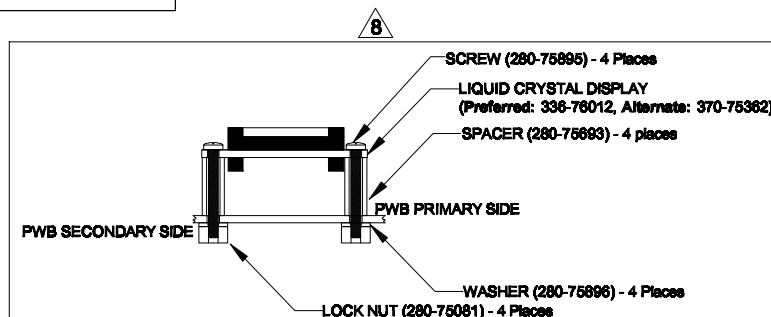
IC:6744A-1320XQE

MAC:0x 00 50 C2 37 B0 04 3E 8D

PRIMARY SIDE



1. ALL COMPONENTS MUST BE ABLE TO WITHSTAND THE Pb-FREE ASSEMBLY PROFILES DESCRIBED IN IPC/JEDEC J-ST-020C (LATEST VERSION)
2. WORKMANSHIP SHALL CONFORM TO IPC-A-610 (LATEST REVISION) - CLASS 2 STANDARD.
3. PART SUBSTITUTION CRITERIA :-
ALL COMPONENT SUBSTITUTIONS MUST BE APPROVED AND DOCUMENTED BY FREESCALE.
4. MAXIMUM LEAD PROTRUSION ON PRIMARY AND SECONDARY SIDE OF PRINTED WIRING BOARD IS .100".
5. INSERT THE MC9S08QE128 DAUGHTER CARD (336-75613) IN THE HEADERS J7, J8, J10 AND J11 WITH THE ORIENTATION MARK TOWARDS THE UPPER LEFT CORNER OF THE SILKSCREEN SQUARE WHERE SHOWN.
6. SOLDER THE HEADER (210-10092-00) TO THE DISPLAY (**PREFERRED: 336-76012, ALTERNATE: 370-75362**) SEE THE DRAWING NUMBER 6 AS A REFERENCE.
7. DISPLAY MOUNTING:
- FOR THE **PREFERRED LIQUID CRYSTAL DISPLAY (336-76012)**, THE HEADER MUST BE INSERTED IN THE SOCKET AT REFERENCE DESIGNATOR **J17**.
- FOR THE **THE ALTERNATE LIQUID CRYSTAL DISPLAY (370-75362)**, THE HEADER MUST BE INSERTED IN THE SOCKET AT REFERENCE DESIGNATOR **J16**.
8. SECURE THE DISPLAY USING FOUR SPACERS (280-75693), FOUR SCREWS (280-75695), FOUR WASHERS (280-75696) AND FOUR LOCK NUTS (280-75081) AS SHOWN IN THE DRAWING NUMBER 8.
9. PLACE FOUR SCREWS (280-75713) AND SECURE THEM USING FOUR STANDOFFS (280-75693) WHERE SHOWN. SEE THE DRAWING NUMBER 9 AS A REFERENCE.
10. PLACE JUMPERS (210-11263-00) PER JUMPER TABLE ON SHEET 2 AS SHOWN.
11. INSTALL THE BATTERY HOLDER (400-75610) ON THE PWB BOTTOM SIDE AT REFERENCE DESIGNATOR BT1 AND SOLDER THE PINS ON THE PRIMARY SIDE WHERE SHOWN.



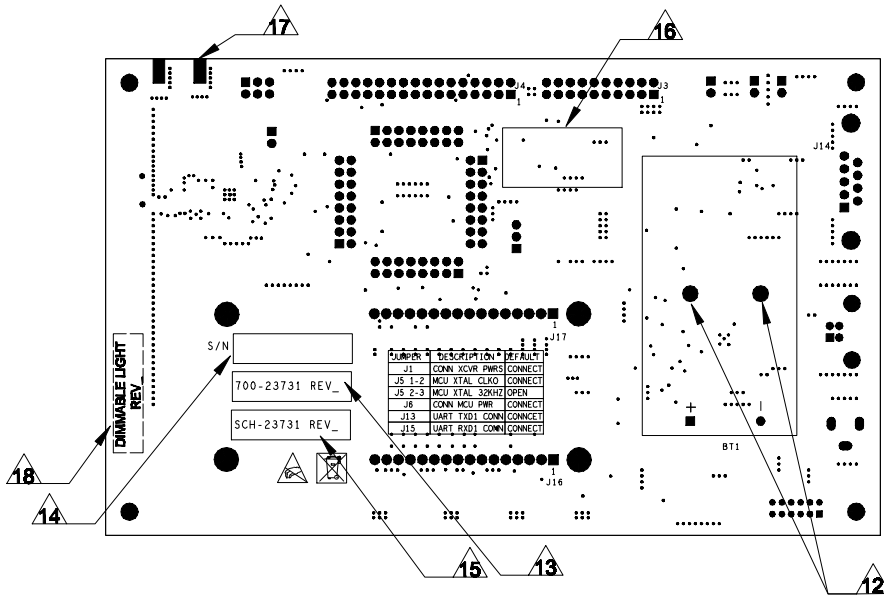
975-76347	1320X-QE-DSK-BD
975-23731	1320X-QE128-DSK
NEXT ASSY	USED ON
APPLICATION	

PART NO.		700-23731
THIS DOCUMENT CONTAINS INFORMATION PROPRIETARY TO FREESCALE AND SHALL NOT BE USED FOR ENGINEERING DESIGN, PROCUREMENT OR MANUFACTURE IN WHOLE OR IN PART WITHOUT THE CONSENT OF FREESCALE.		
-- F01 PUBLIC INFORMATION -- F02 FREESCALE INTERNAL USE ONLY -- F03 FREESCALE CONFIDENTIAL (PROPRIETARY)		
APPROVALS		DATE
DRAWN LUIS HEREDIA		02/05/06
CHECKED MARK WILLIAMS		02/05/06
DESIGN ENGINEER JULIO MUÑOZ		02/05/06



TITLE		PWB ASSEMBLY	
1320X-QE128-EVB			
W/DIMMABLELIGHT_QE128EVB_ZC APPLICATION			
SIZE	FILE NAME	DWG. NO.	REV
B	ASY-23731.DXF	ASY-23731	B
SCALE	DO NOT SCALE DRAWING	SHEET	1 OF 2

NOTES : TRIANGLE SYMBOLS IDENTIFY NOTES ON THIS DRAWING.



SECONDARY SIDE

NOTES (Contd):

12. SECURE THE BATTERY HOLDER (400-75810) USING TWO NYLON SCREWS (280-75834) ON THE PWB SECONDARY SIDE AND TWO NYLON NUTS (280-75835) ON THE PWB PRIMARY SIDE WHERE SHOWN.
13. PLACE PRINTED ASSEMBLY/REVISION LABEL (805-75115) WHERE SHOWN. PRINTED ON THIS LABEL MUST BE THE AGILE REVISION OF THE PWA 700-23731, NOT THE REVISION OF THIS DRAWING.
14. PLACE PRINTED SERIAL NUMBER LABEL (805-75116) WHERE SHOWN.
15. PLACE PRINTED SCH/REVISION LABEL (805-75818) WHERE SHOWN. PRINTED ON THIS LABEL MUST BE THE AGILE REVISION OF THE SCH-23731, NOT THE REVISION OF THIS DRAWING.
16. PLACE PRINTED CE / FCC ID MAC ADDRESS LABEL (805-76278) WHERE SHOWN. PRINTED ON THIS LABEL MUST BE THE CE LOGO, FCC ID AND MAC ADDRESS.
17. DO NOT POPULATE THE "CN1" CONNECTOR (210-30175).
18. PLACE PRINTED APPLICATION NAME LABEL (805-76339) WHERE SHOWN. PRINTED ON THIS LABEL MUST BE THE NAME OF THE APPLICATION LOADED INTO THE BOARD ("DIMMABLE LIGHT" FOR THIS PWA PART NUMBER) AND THE AGILE REVISION OF THE FLASH PROGRAM FILE (110-76355):

DEFAULT JUMPER SETTINGS	
J1	1-2
J5	1-2
J6	1-2
J13	1-2
J15	1-2

			
--- PUBI <PUBLIC INFORMATION> --- X- FIUD <FREESCALE INTERNAL USE ONLY> --- FCP <FREESCALE CONFIDENTIAL PROPRIETARY>			
TITLE PWB ASSEMBLY 1320X-QE128-EVB W/DIMMABLELIGHT_QE128EVB_ZC APPLICATION			
SIZE B	FILE NAME ASY-23731.DXF	DWG. NO. ASY-23731	REV B
SCALE		DO NOT SCALE DRAWING	
		SHEET 2 OF 2	