

FDI	ENGINEERING CHANGE ORDER		ECO NO: 10-044
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TITLE	DWG NO.	CURRENT REV	NEW REV
uEZ GUI	uEZ GUI 4.3 Sharp	1	1.1

BACKGROUND:

Update circuitry to optimize speaker performance
 Correct potential short under the Supercap and speaker

DESCRIPTION OF CHANGE:

1. Change R6 from 330 ohm 1210 resistor to 120 ohm 1206 resistor
2. Add 2.2uf 1206 capacitor in parallel to R6
3. On CPU, U11, short pins 152<>153 to allow use of different PWM channel
4. Remove SuperCap (C32) and modify the positive pad to prevent short between positive pad and case of the component (cut the positive PCB pad diagonally in half, removing the non-connected side closest to the negative pad) – solder the supercap back on and verify the positive terminal os no longer shorted to ground
5. Add Kapton tape to cover the (unused) piezo component pads (PZ1) under the speaker (LS1)

Reason for change: 1. Optimize circuitry for speaker operation		Disposition/Affectivity	
		Use as is	
		Rework to ECO	x
		Scrap & Rebuild	
		Record Change Only	
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