	8	7	6	5	4	3	2	1
This drawing contains confidential information and is the property of Electrolux without without whose permission it may not be capied, shown or handed to a thing party of upward and it is to be rutined promptly upon requests to the design owner, who is responsible for the drawing.	Rev. 1 New schematic, copied from verbier rev 5							
	Plan: +1 stepper motor controller to total 2 +1 position sensor to total 3 Wfi removed							
	UI LED/Touch removed from MB Remote control removed							_
	Touch alternatives: 1. ITO connector from overlay 2. Local touch controllers on U with separate com 3. Local MCU on U with UART com							E
	LED alternatives: 1. Multiplexing like Aspen							
s drawii I is the I ose pen anded to be n ign own	UI-IC for touch controller chip with I2C, same pinout as RFID connector to be able to put RFID on separate I2C channel if touch controller is not used, signal selectable between light sense in and 5V power out							
This and who or this it is des	Same motor settings as verbier in first prototyl Sensor board connector has selectable 5V/12	ре						
	verbier sensor board in first prototype.	v power to use						
	Rev. 2 MCU changed from MKE15Z256 (100pin) to M MKE17 has only one I2C channel, Sensor and							
Omponents reflected by this drawing must conform in all respects with Electrolux "Restricted Materials List" as published on www.electrolux.com/rm as well with all other applicable legal explainments. Upon request documentation demonstrating compliance with these requirements shall be immediately provided by the supplier to Electrolux.	Wifi changed from external on connector to internal stamp module							D
	UVC LED control added, high side drive current regulator							
	Pump output combined with water level and new UV + two signals for future use in a common connector							
	All touch and LED circuitry deleted, UI will be on a separate board with a MCU. Communication via UART. Water level board circuits incorporated on main board							
	A few components have incorrect article number Sensor board connector signals mirrored (Also done on sensor board)							
	5V and 12V alternatives removed from sensor board power POS inputs removed							
	Pump changed to high side drive							
	Power board connector FG level shift changed to same as Verbier							С
	Water level MCU and Buzzer VC set to dummy component							اجًا
awing fed M n/rml pon I hese iplier	RF connector changed VC from Horizontal du	•						
this dra Restrici slux.cor ents. U e with t	Wifi module changed VC from dummy to corre Rev. 3	eci						
ted by olux 's electronic urisem plianc	STEP1 moved from MCU pin 60 to PWM cap STEP2 moved from MCU pin 56 to PWM cap Missing testpoints added to signals WL_in and	able pin 61 able pin 49 d WI out						
effect Efectr www.t al req comp	SST areas added for Dosses in battery holder							
ents r with I f on v e leg ating ely p	Temp & Humidity sensor board connector JSE Change R425/R426 from 750K to 100R. Char	nge C412/C413 from 100nF to 1nF.						
pone lects ishec icabl lonst ediat	Add L201/L202/L203/L204/L205/L206/L207/L: Remove R411, change R410 to wire connection	on.						
Con resp pub app dem imm	JWL301, component change to VC1014492 (PH-6A). JUI401, component change to VC1014491 (PH-4A).							
	Rev. 4 Page UI- Change battery holder BAT402 to VC1014622 Page UI- Add polarity protection schottcky diode D403 Page Connectors- Add TVS TRSB1 from 3.3V to GND							В
	Page Connectors- Add TVS TRSB1 from 3.3\	V to GND						
					<variant name=""></variant>			
					All See revision history pa	MODIFICATIONS	- DRAWN	BY ECN DATE
						APPROVED BY DATE 2023-03-27	NAME FUJI	A
					DESIGN OWNER Global Small Appliance		LOCAL NAME MAIN BOARD / CONTROLLER BOARD DESCRIPTION Revision History	
					CX Wellbeing			
						Electrolux	SCHEMATIC NUMBER SC00067	720 REV. 003 SHEET 1 / 8
A 3 [DF10]	8	7	6	5	4	3	2	1









