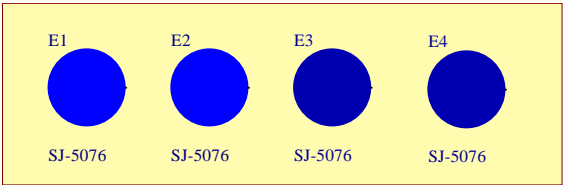
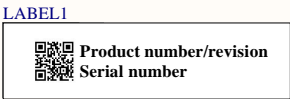
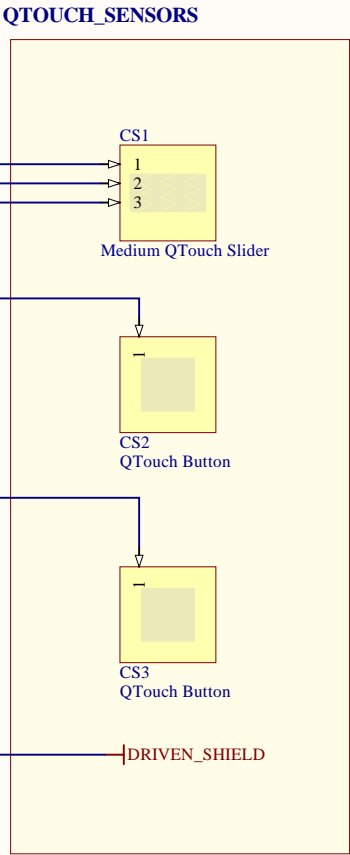
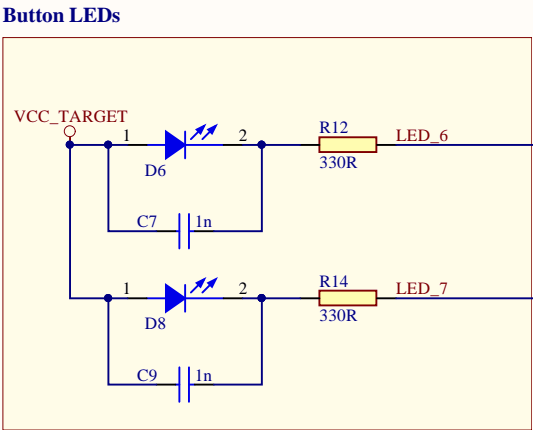
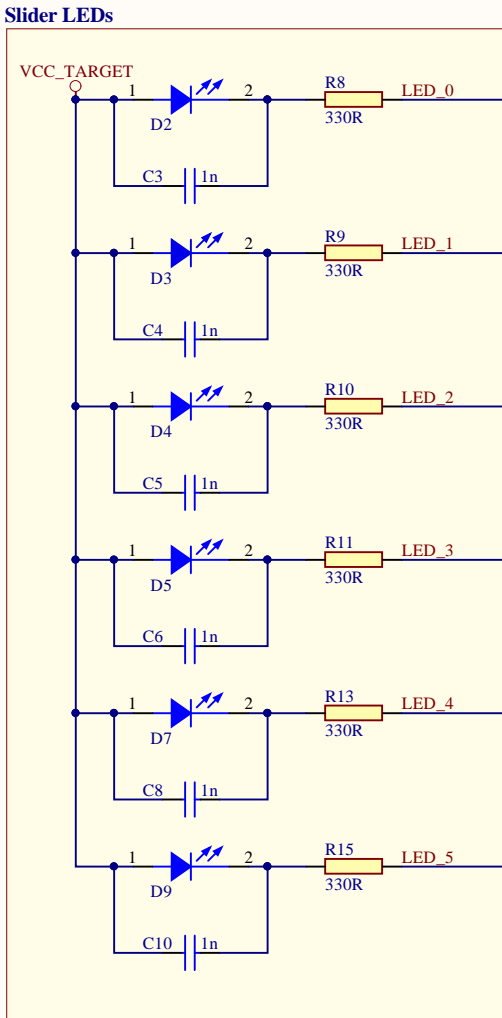
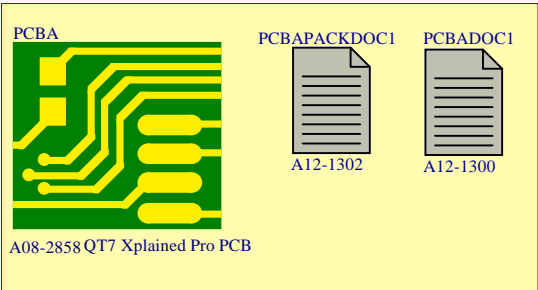
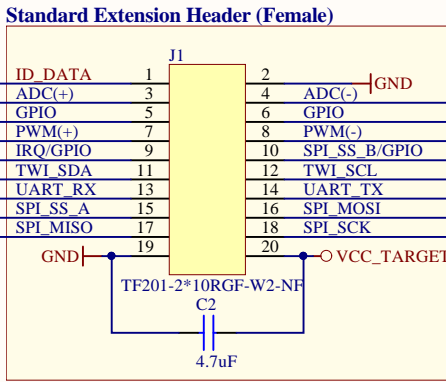
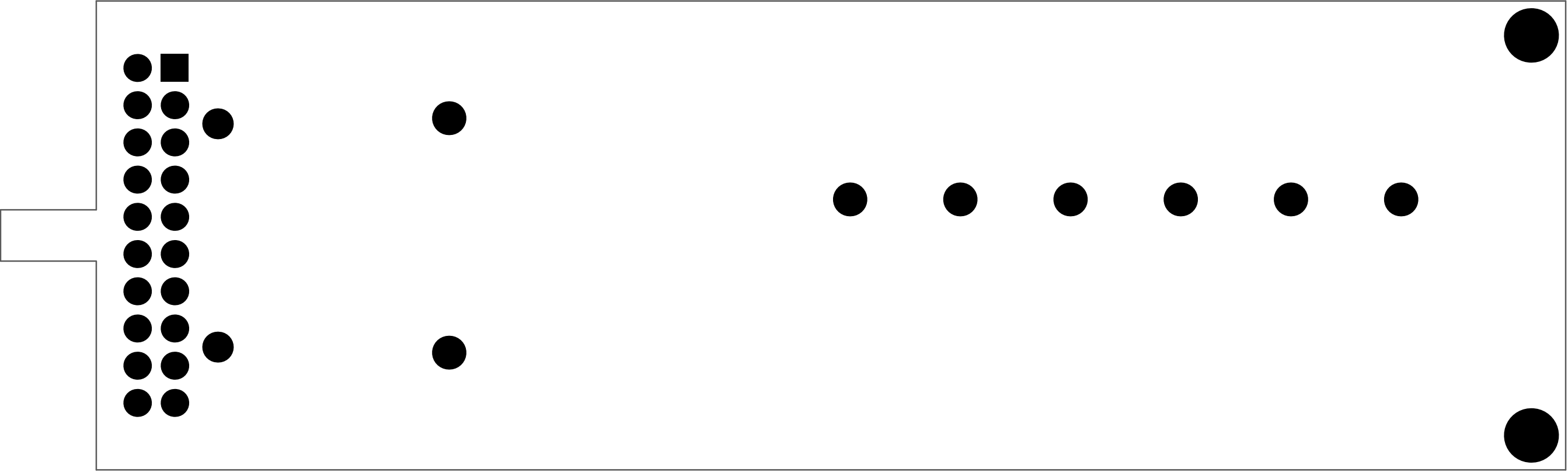
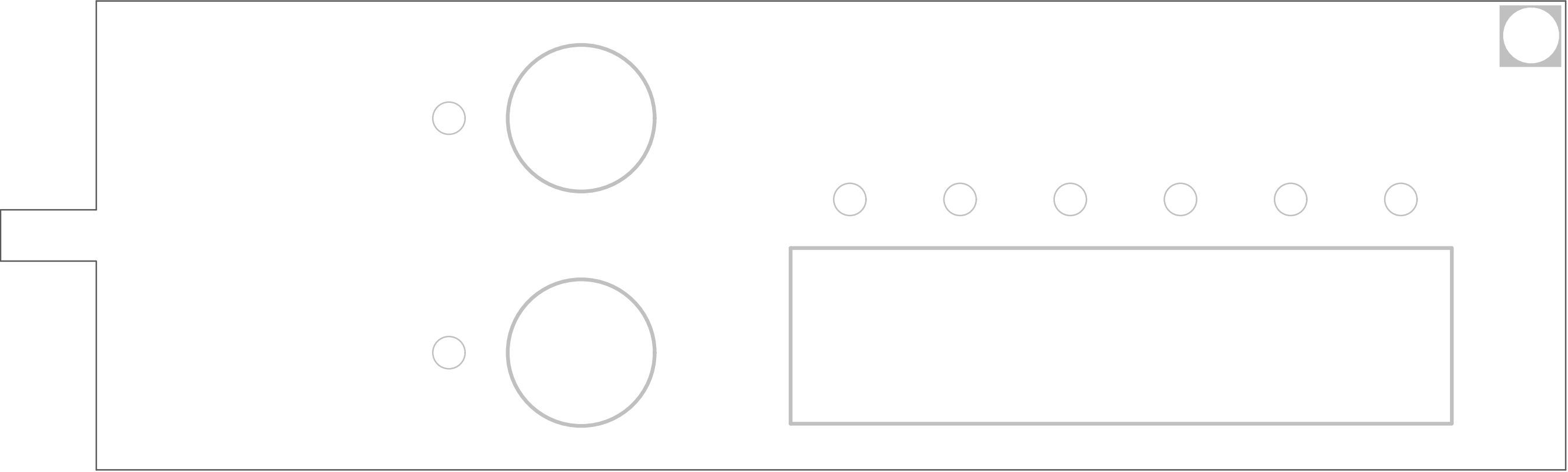


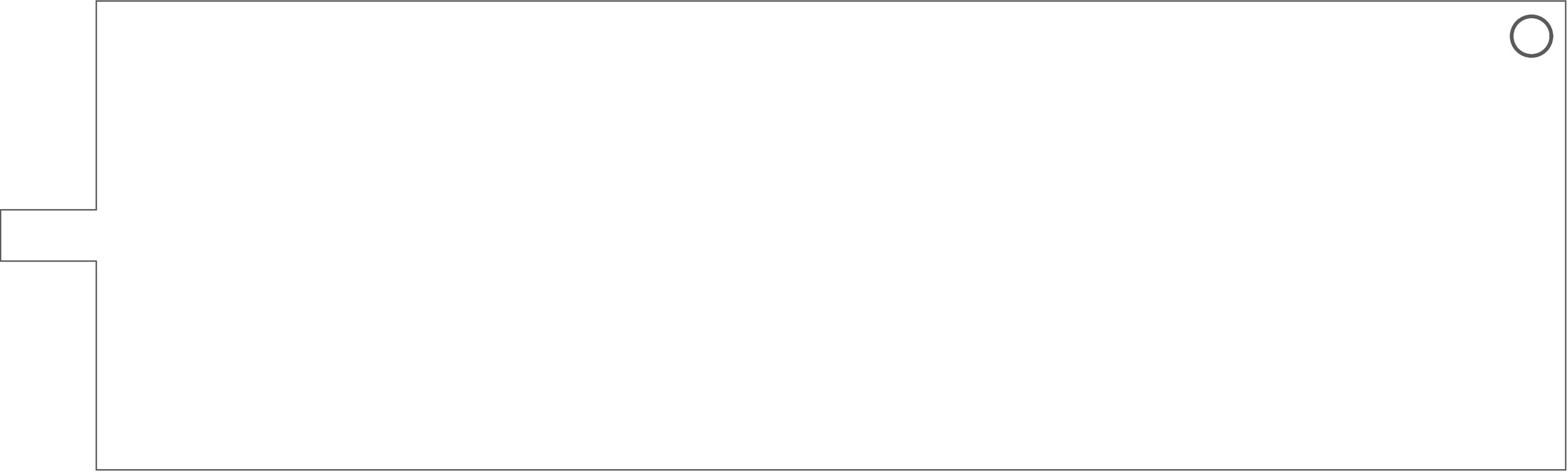
[DESIGN NOTE]
The ATSHA204 is powered through an IO Pin from the EDBG on an MCU board.
R100 is present to drain the capacitor C100 when power is removed from an MCU board.

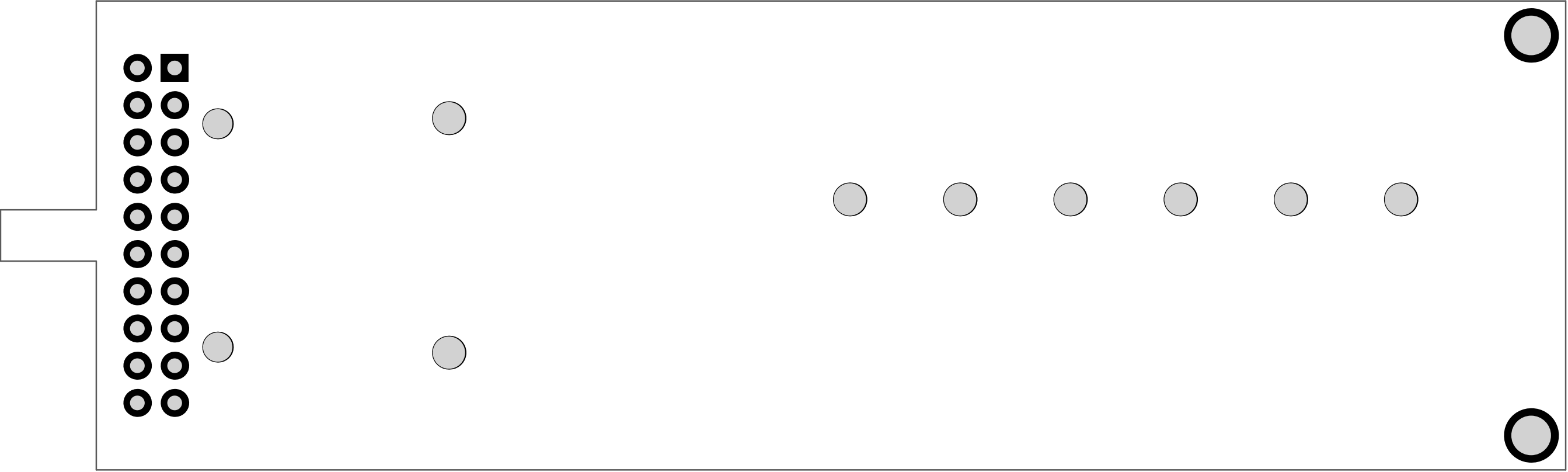


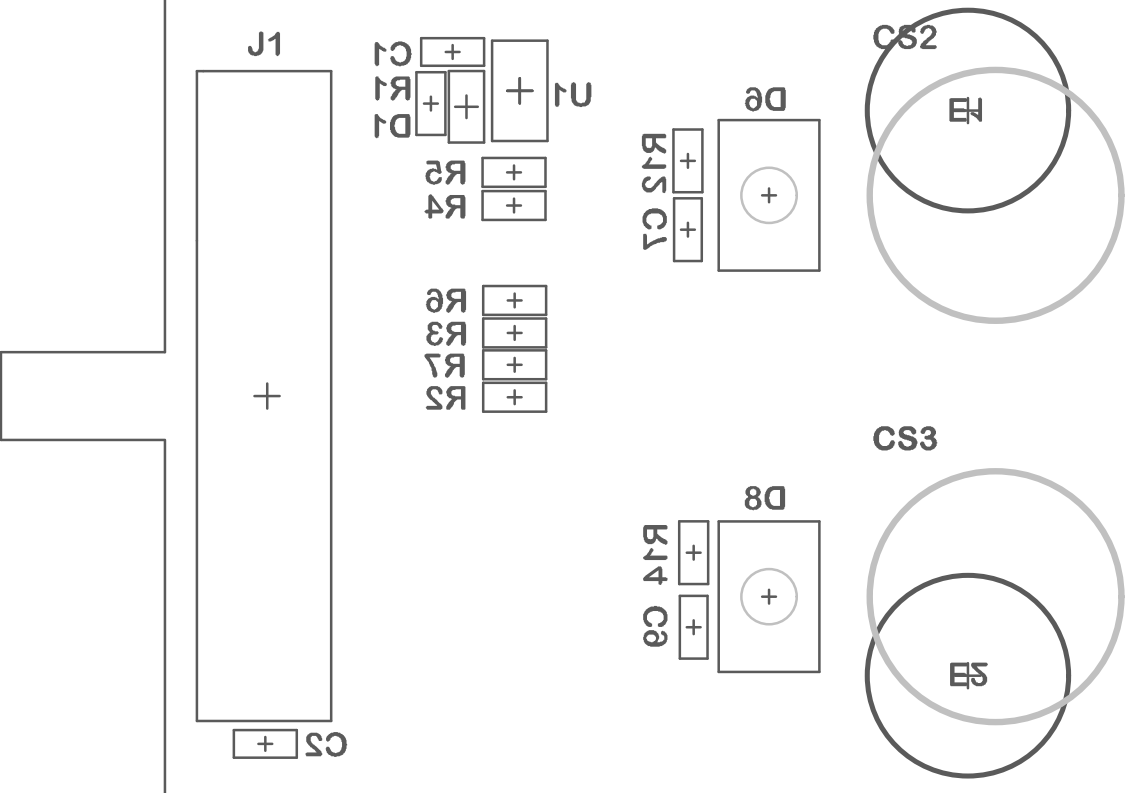
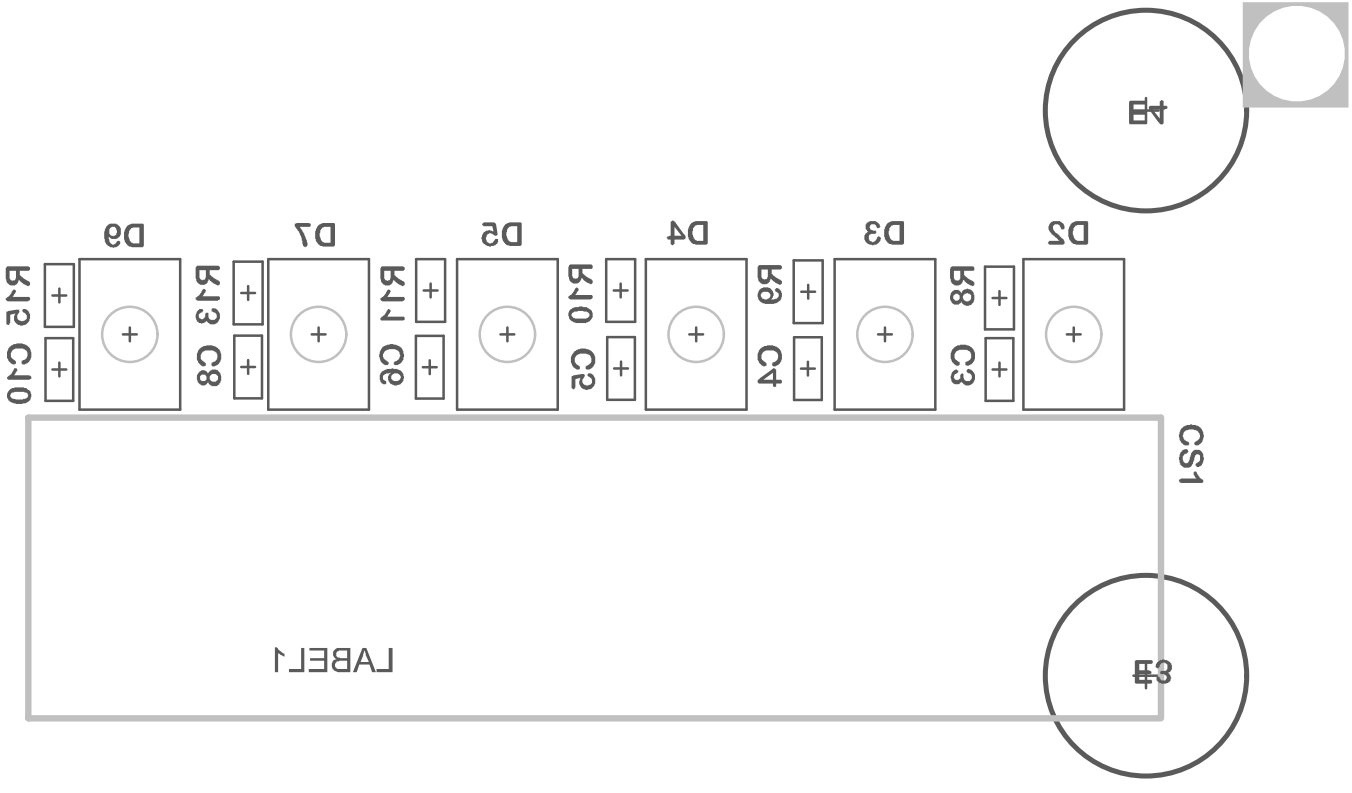
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Engineer: ProjectEngineer	
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Sheet Title SheetTitle	Designed with
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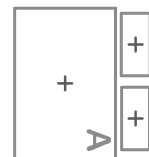
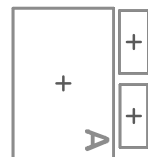
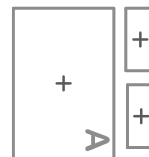
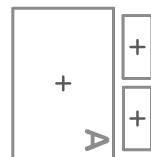
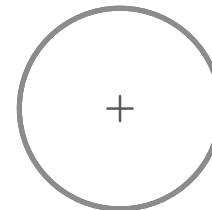
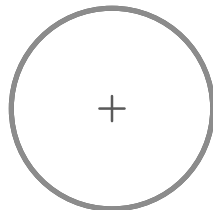






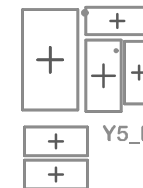
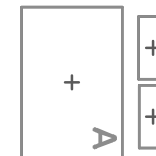






MICROCHIP

QT7 X PLAINED PRO



Y5_DS Y1

LED0 LED6



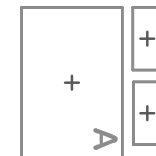
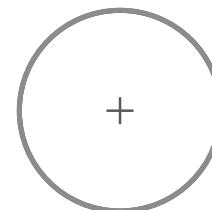
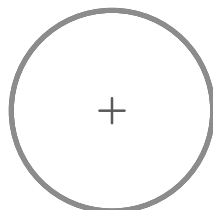
Y2 Y3

Y4 Y0

LED7 LED1

LED2 LED3

LED4 LED5



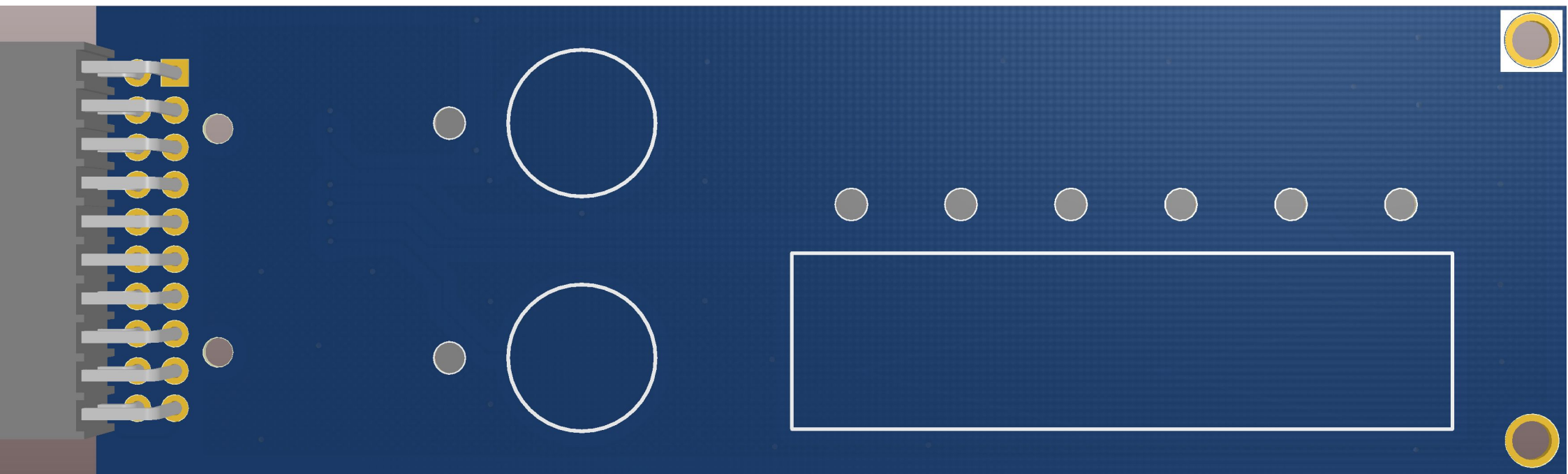
Microchip © 2017

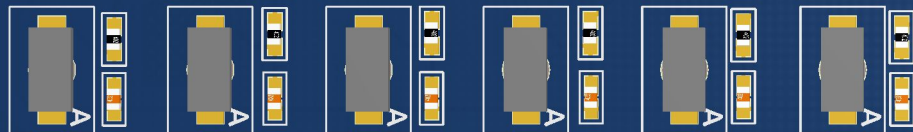
PCBA LABEL

A08-2858 Rev 3



RoHS





MICROCHIP

QT7 **X** PLAINED PRO

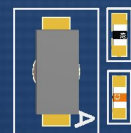
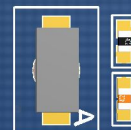
Microchip © 2017



PCBA LABEL
A08-2858 Rev 3



RoHS



Y5_DS Y1
LED0 LED6



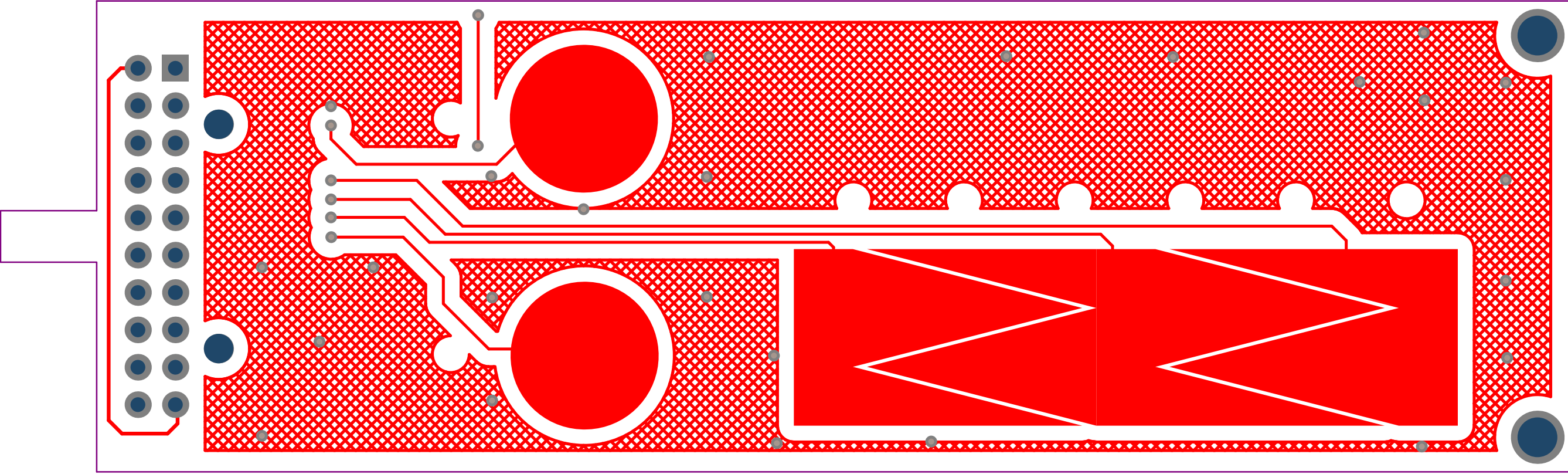
Y2 Y3
Y4 Y0

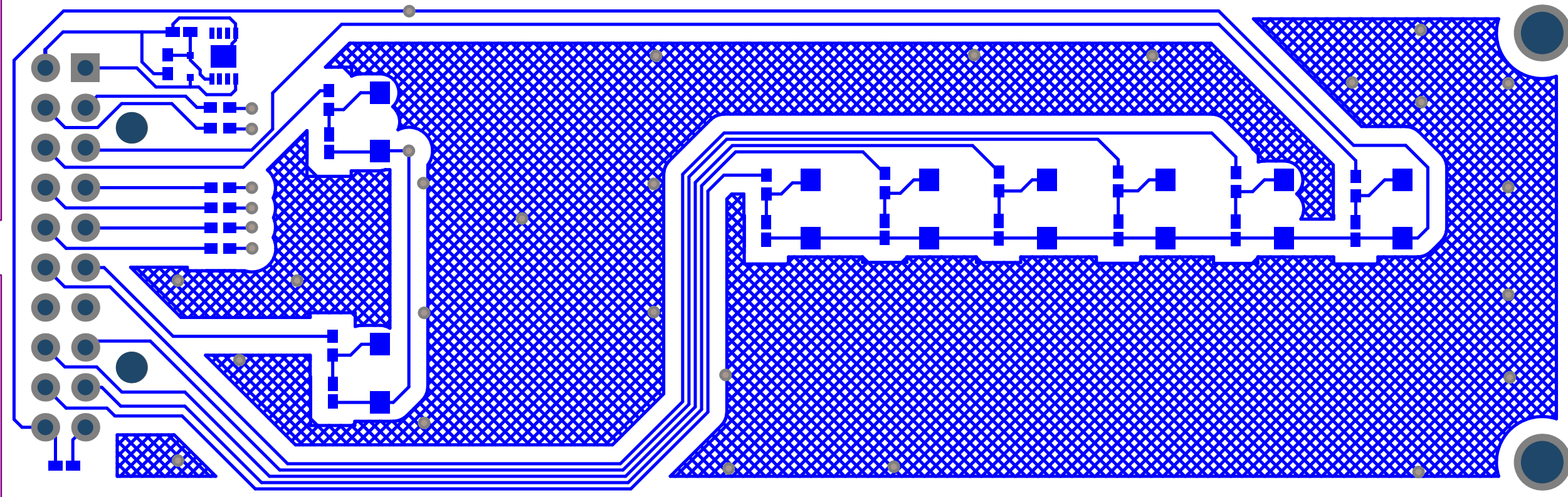


LED7 LED1

LED2 LED3
LED4 LED5







Component list

<Parameter Title not found>

Source Data From: QT7_Xplained_Pro.PrjPcb
Project: QT7_Xplained_Pro.PrjPcb
Variant: None



Report Date: 15-12-2017 PM 02:42:03
Print Date: 15-12-2017 PM 02:41:17

Fitted	Designator	Quantity	Value	Manufacturer	MPN	Description
Fitted	C1, C2	2	4.7uF	Murata	GRM155R60J475ME87D	Ceramic capacitor, SMD 0402, X5R, 6.3V, +/-20% (de33687)
Fitted	C3, C4, C5, C6, C7, C8, C9, C10	8	1n			Ceramic capacitor, SMD 0402, X7R, 50V, +/-10%
Fitted	D1	1	BAT54XV2T1G	ON Semiconductor	BAT54XV2T1G	Schottky diode, If:200mA, Vf:0.35V, Vrrm:30V, SOD-523
Fitted	D2, D3, D4, D5, D6, D7, D8, D9	8	LTW-C230DS	Lite-On Technology Corp.	LTW-C230DS	Reverse mount SMD White LED 180-450mcd@20mA
Fitted	E1, E2, E3, E4	4	SJ-5076	3M	SJ-5076	2.8mm adhesive feet,diam 8.0mm
Fitted	J1	1	TF201-2*10RGF-W2-NF	Pro-data International Corp	F201-2*10RGF-W2-NF	2x10, female pin header receptable, right-angled, 2.54mm pitch, THM, Pin In Paste
Fitted	LABEL1	1		ACT Logimark AS	505462	PCBA identification label PP Top White Gloss
Fitted	PCBA	1	QT7_Xplained Pro PCB			QT7_Xplained Pro extension kit PCB Gerber files. Variant 1
Fitted	PCBADOC1	1	A09-3091 PCBA Files			QT7_Xplained pro extension kit PCBA Documentation
Fitted	PCBAPACKDOC1	1	QT7_Xplained Pro packaging instructions			How to pack QT7_Xplained Pro
Fitted	R1	1	100k			Thick film resistor, SMD 0402, 1/16W, 1%
Fitted	R2, R3, R4, R5, R6, R7	6	1k			Thick film resistor, SMD 0402, 1/16W, 1%
Fitted	R8, R9, R10, R11, R12, R13, R14, R15	8	330R			Thick film resistor, SMD 0402, 1/16W, 1%
Fitted	U1	1	ATSHA204 SWI UDFN8	ATMEL	ATSHA204A-MAHCZ-T	ATSHA204 with 1-w ire interface and UDFN8 package
		44				

Approved	Notes