

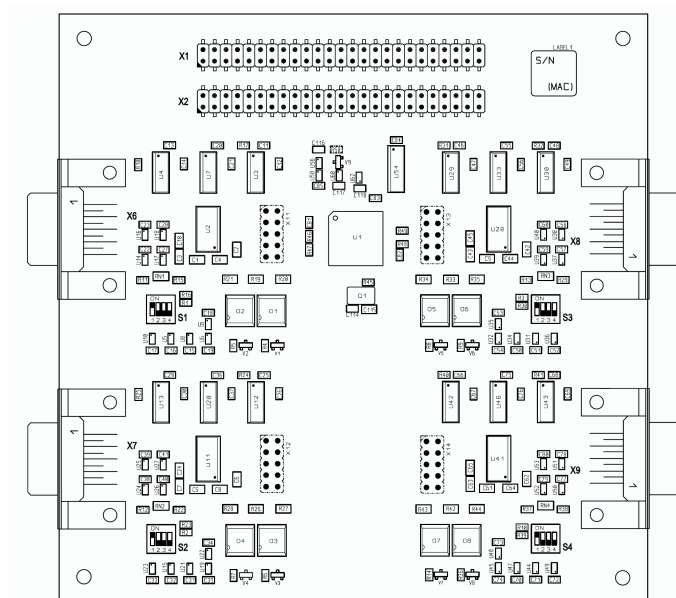


UART Application Kit UART_APPKIT_0_V01 / 3040

Quad UART (1.152 Mbps, RS232/422/485) Application Board
for Digi JumpStart Kits™

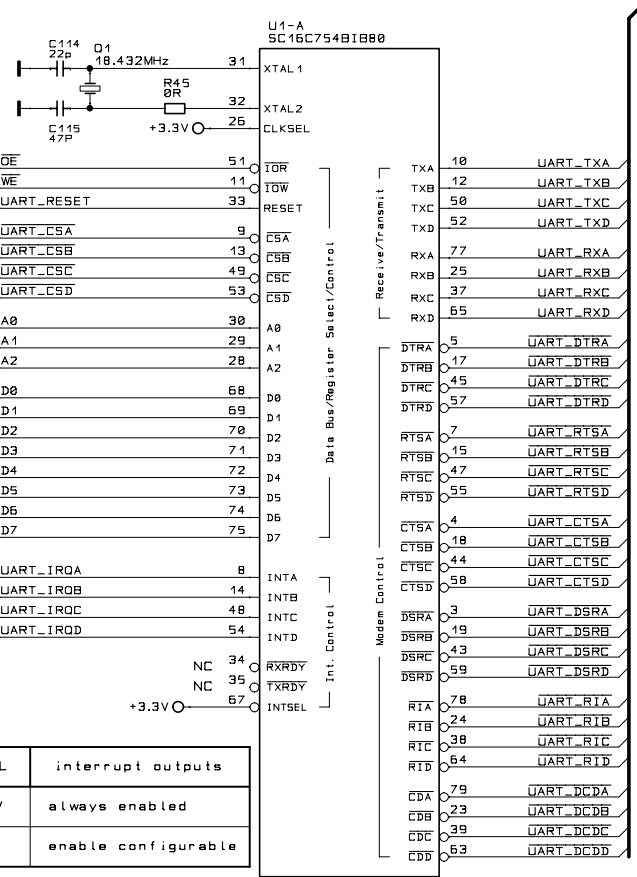
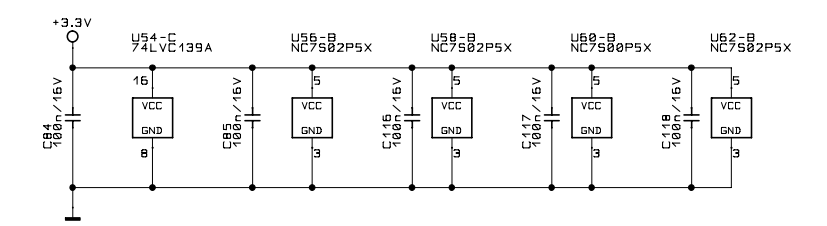
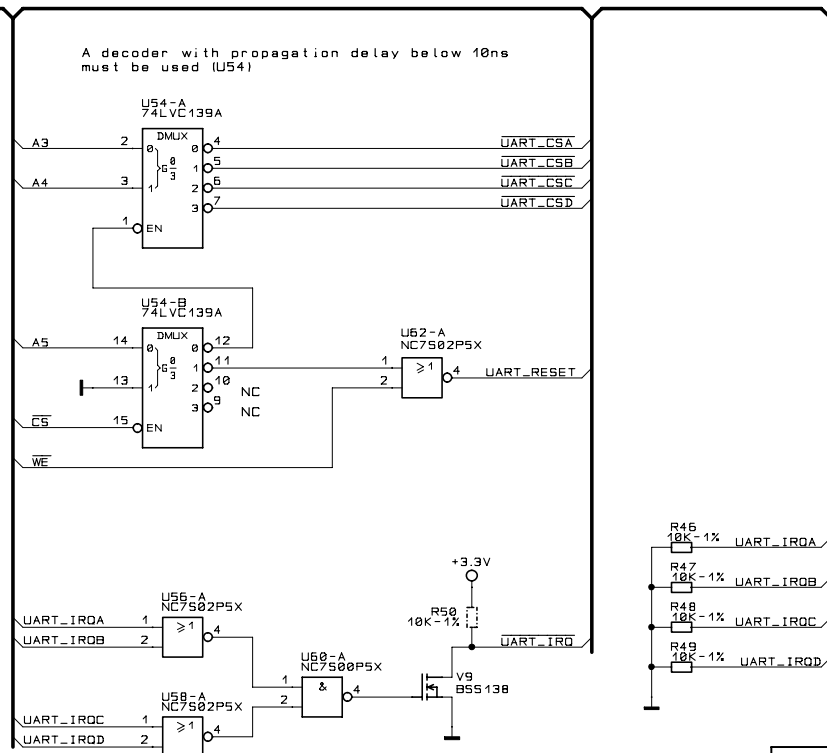
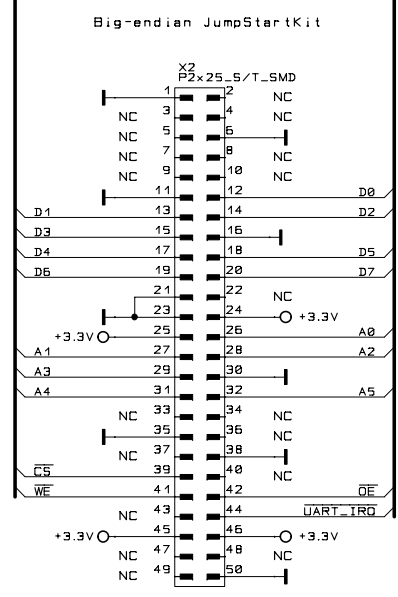
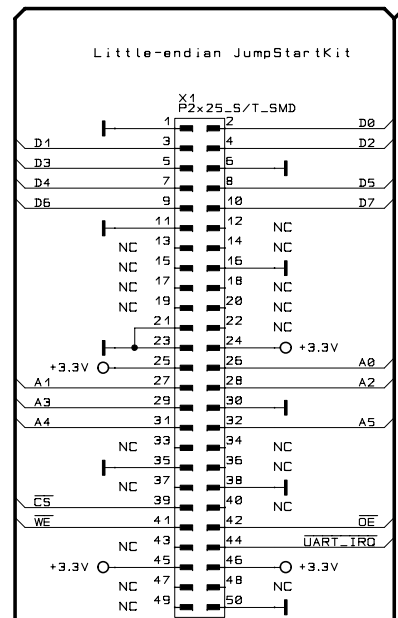
Supported Digi JumpStart Kit Development Boards
ConnectCore™ 9P 9360, ConnectCore™ 9C, ConnectCore™ Wi-9C,
ConnectCore™ 9P 9215

Supported Digi JumpStart Kit Software Platforms
Digi Embedded Linux 4, Microsoft Windows Embedded CE 6.0



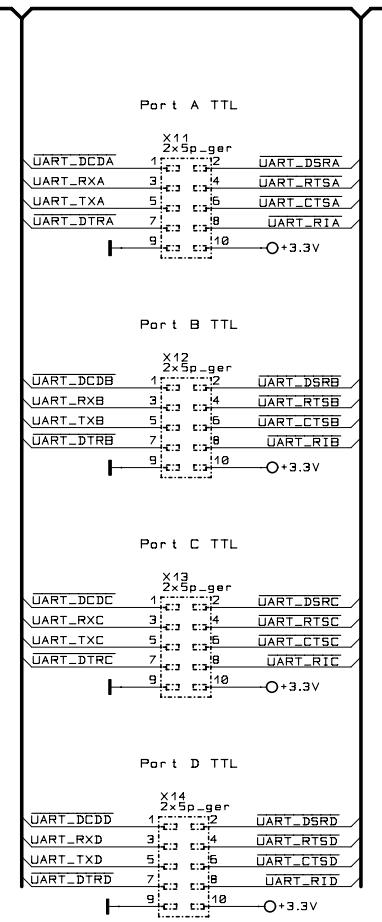
www.digi.com





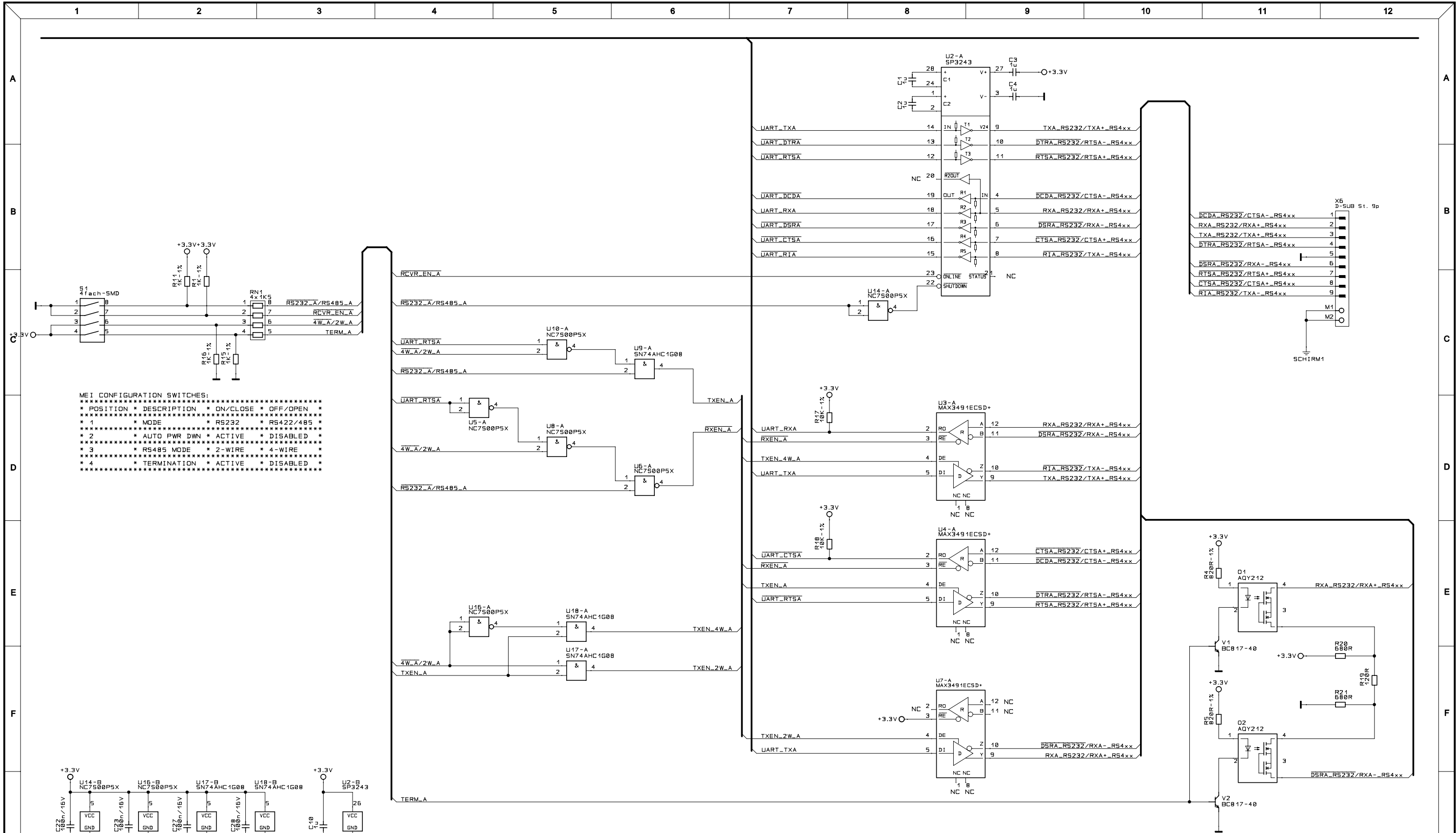
INTSEL	interrupt outputs
+3.3V	always enabled
Gnd	enable configurable

Note:
Not functional with
Texas Instruments TL16C754BPN



Usable for:		Scale:		Filename: UART_APPKIT_0b.scm	
		UART_APPKIT_0		V01/3040	
		UART Application Board for JumpStart development boards.		4xUART: 1.152Mbps, RS232/RS422/RS485, SUB-D 9-pin male, 0-70°C	
		Date	Name	Title:	
		10.01.2008	DA	System Connectors / UART / Decoder	
		Approved			
		ISO			
		Partnumber:		Sheet	
		L03056		1	
		Provided for:		of	
				5	
Rev.	Modification	Date	Name		
B	Added comment	17.04.2008	MS		
A	U54 replaced	08.02.2008	MS		





MEI CONFIGURATION SWITCHES:

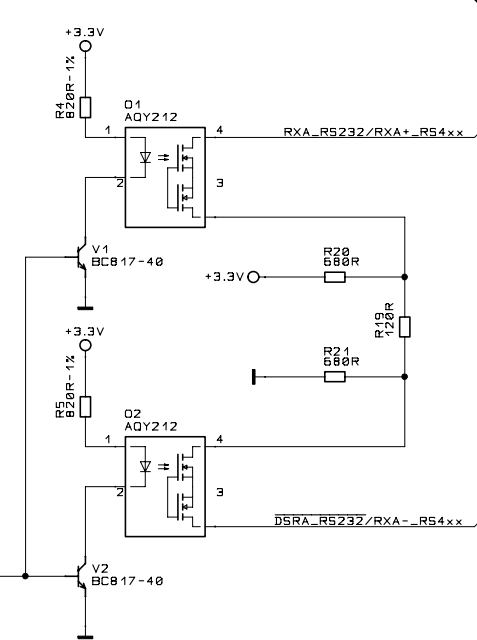
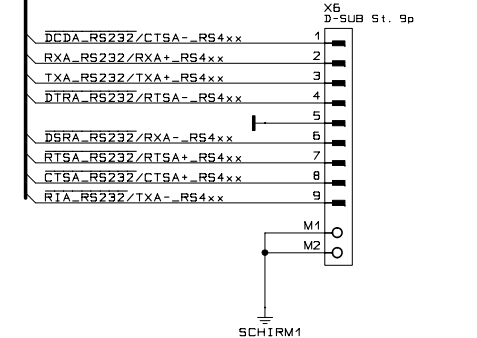
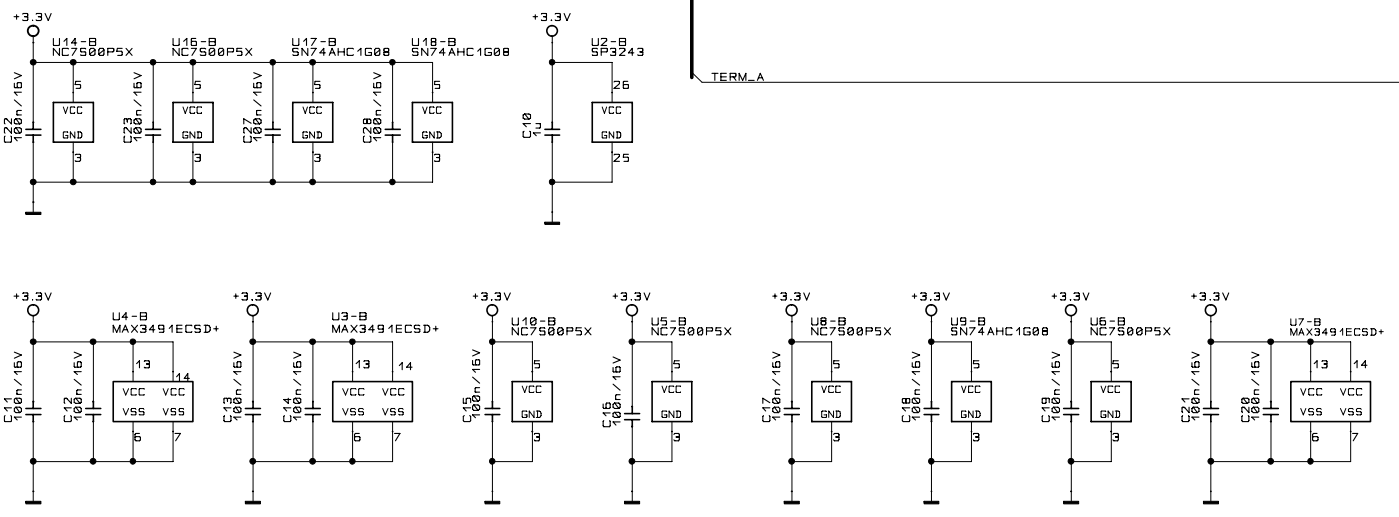
 * POSITION * DESCRIPTION * ON/CLOSE * OFF/OPEN *

 * 1 * MODE * RS232 * RS422/485 *

 * 2 * AUTO PWR DWN * ACTIVE * DISABLED *

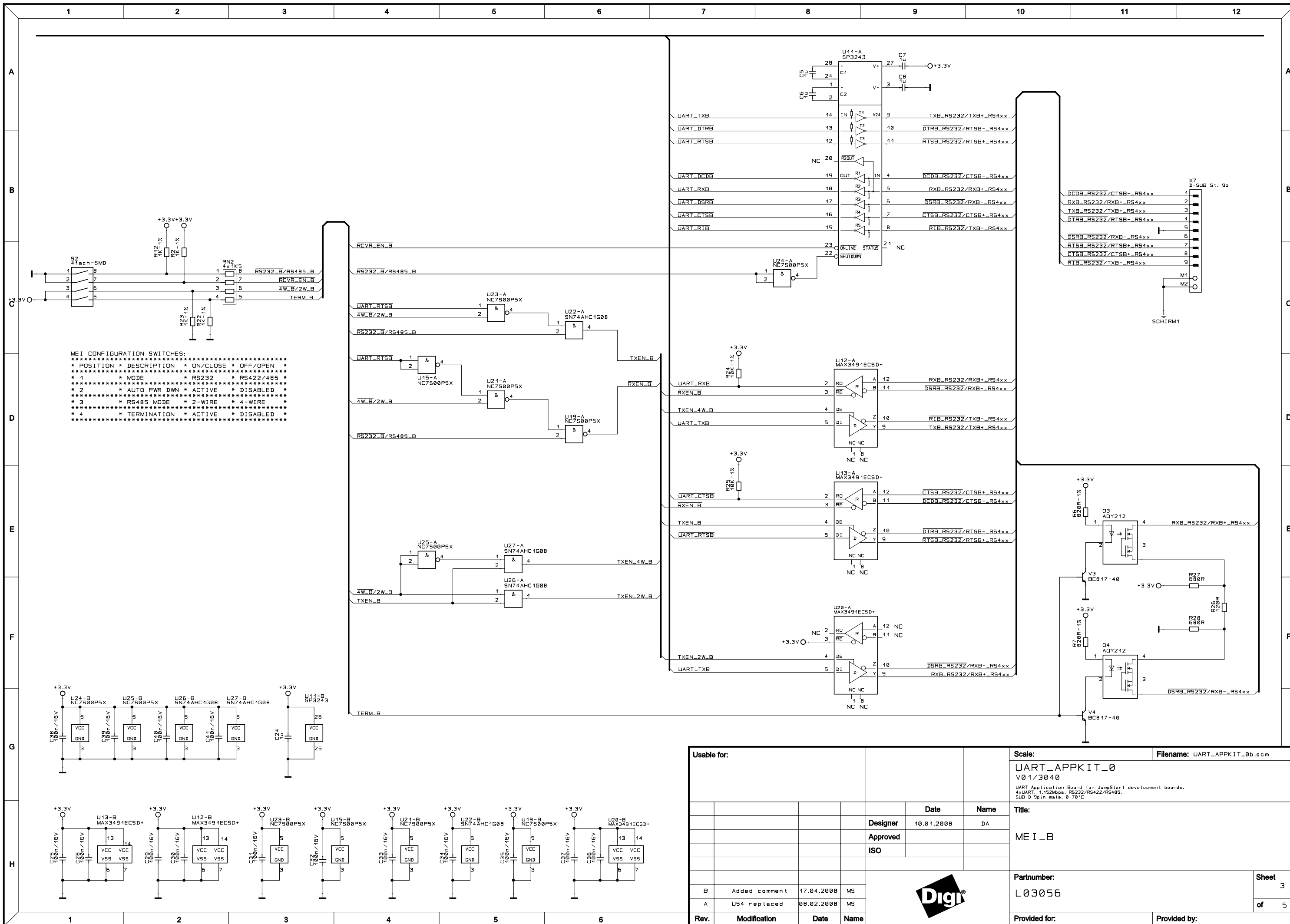
 * 3 * RS485 MODE * 2-WIRE * 4-WIRE *

 * 4 * TERMINATION * ACTIVE * DISABLED *



Usable for:				Scale:		Filename: UART_APPKIT_0b.scm	
				UART_APPKIT_0			
				V01/3040			
				UART Application Board for JumpStart development boards.			
				4xUART: 1.152Mbps, RS232/RS422/RS485.			
				5UB-9 Spin male, 0-70°C			
				Title:			
				MEI_A			
				Partnumber:			
				L03056			
				Provided for:			
				Provided by:			
Rev.	Modification	Date	Name	Designer	Date	Name	Title
B	Added comment	17.04.2008	MS				
A	U54 replaced	08.02.2008	MS				





MEI CONFIGURATION SWITCHES:

 * POSITION * DESCRIPTION * ON/CLOSE * OFF/OPEN *

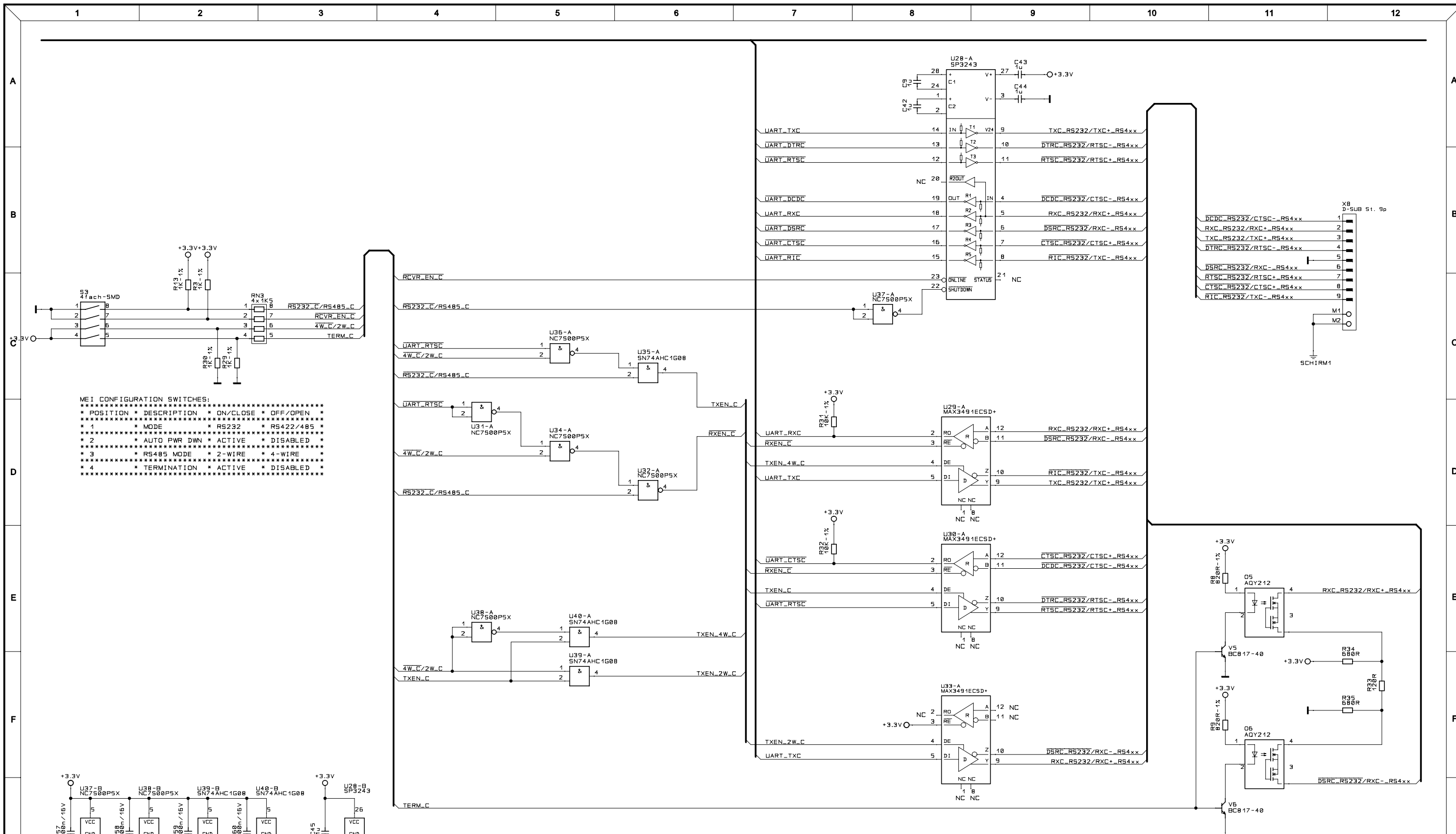
 * 1 * MODE * RS232 * RS422/485 *

 * 2 * AUTO PWR DWN * ACTIVE * DISABLED *

 * 3 * RS485 MODE * 2-WIRE * 4-WIRE *

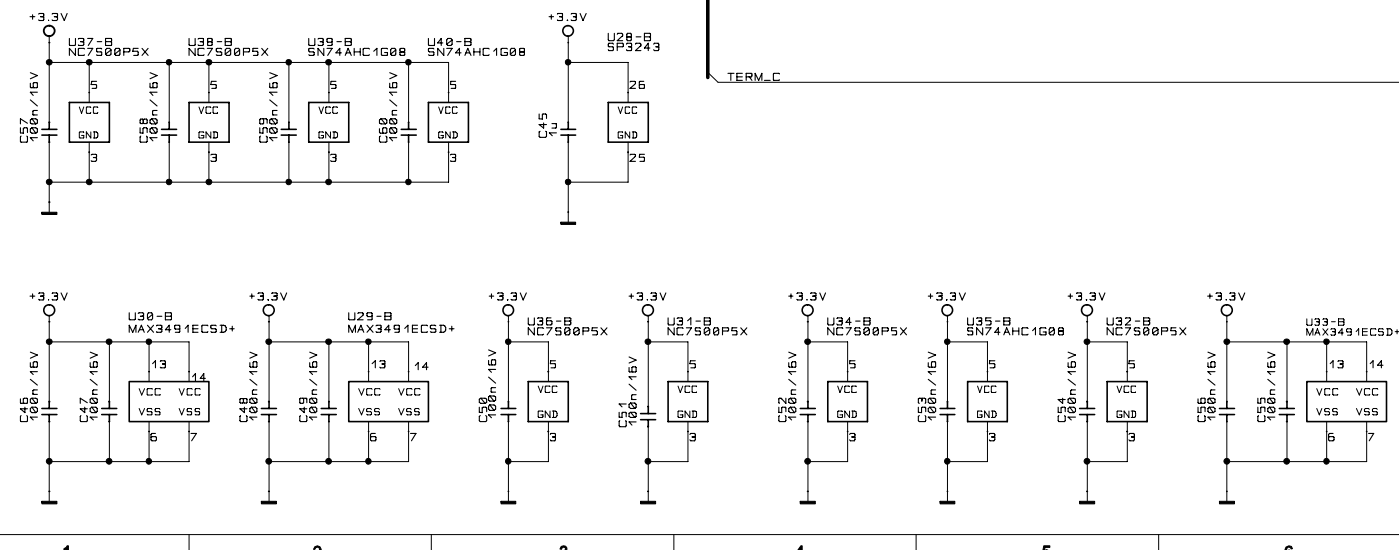
 * 4 * TERMINATION * ACTIVE * DISABLED *

Usable for:				Scale:		Filename: UART_APPKIT_0b.scm	
				UART_APPKIT_0			
				V01/3040			
				UART Application Board for JumpStart development boards.			
				4xUART: 1.152Mbps, RS232/RS422/RS485.			
				5UB-9 Spin male, 0-70°C			
				Title:		MEI_B	
				Partnumber:		L03056	
				Sheet		3	
				of		5	
				Provided for:		Provided by:	
Rev.	Modification	Date	Name				
B	Added comment	17.04.2008	MS				
A	U54 replaced	08.02.2008	MS				



MEI CONFIGURATION SWITCHES:

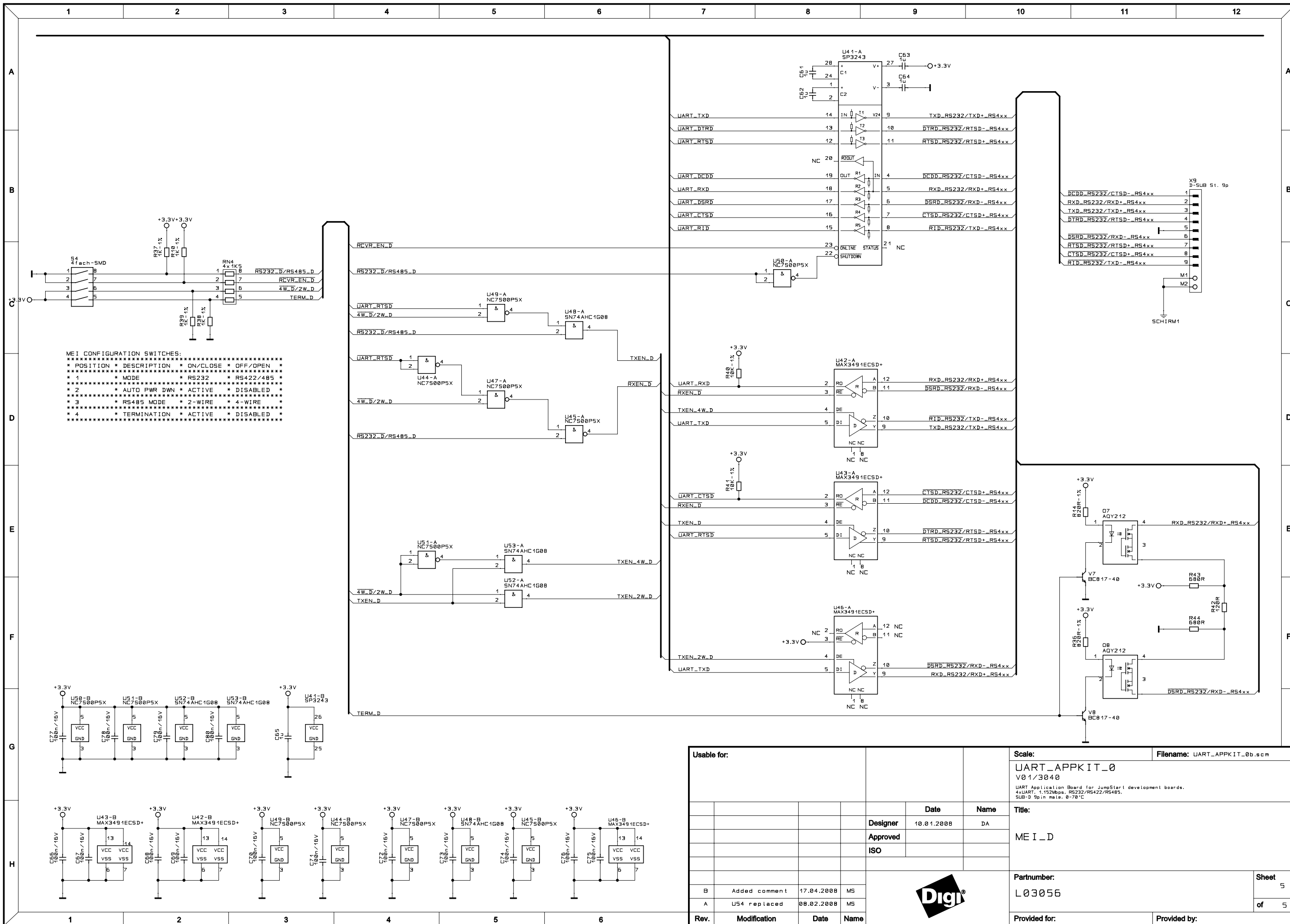
POSITION	DESCRIPTION	ON/CLOSE	OFF/OPEN
* 1	* MODE	* RS232	* RS422/485
* 2	* AUTO PWR DWN	* ACTIVE	* DISABLED
* 3	* RS485 MODE	* 2-WIRE	* 4-WIRE
* 4	* TERMINATION	* ACTIVE	* DISABLED



Usable for:		Scale:		Filename: UART_APPKIT_0b.scm	
		UART_APPKIT_0			
		V01/3040			
		UART Application Board for JumpStart development boards.			
		4xUART: 1.152Mbps, RS232/RS422/RS485.			
		SUB-D 9-pin male, 0-70°C			
		Title:		MEI_C	
		Designer		10.01.2008 DA	
		Approved			
		ISO			
		Partnumber:		L03056	
		Sheet		4	
		of		5	
Rev.		Modification		Date	
B		Added comment		17.04.2008 MS	
A		U54 replaced		08.02.2008 MS	

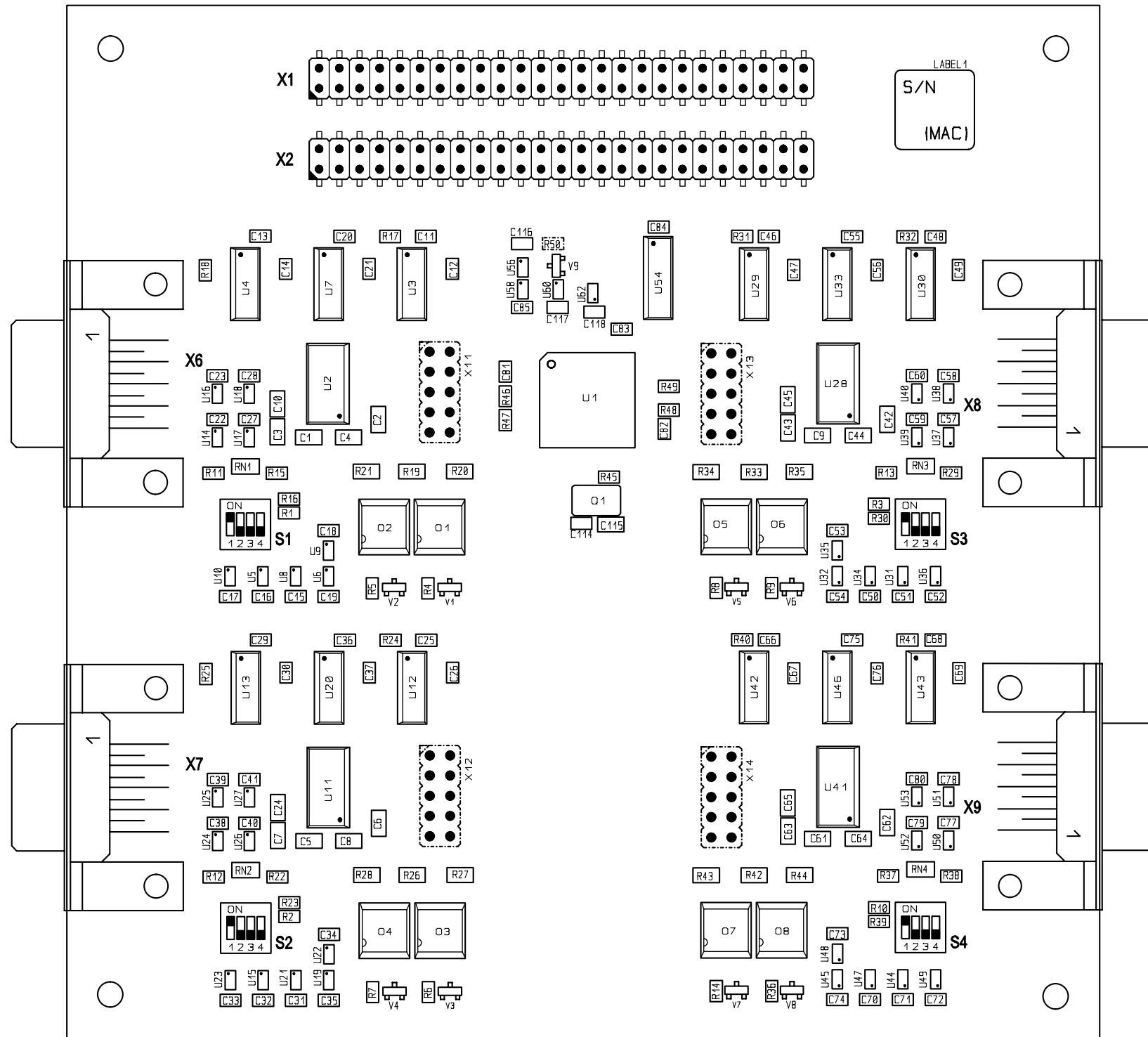


Provided for: Provided by:



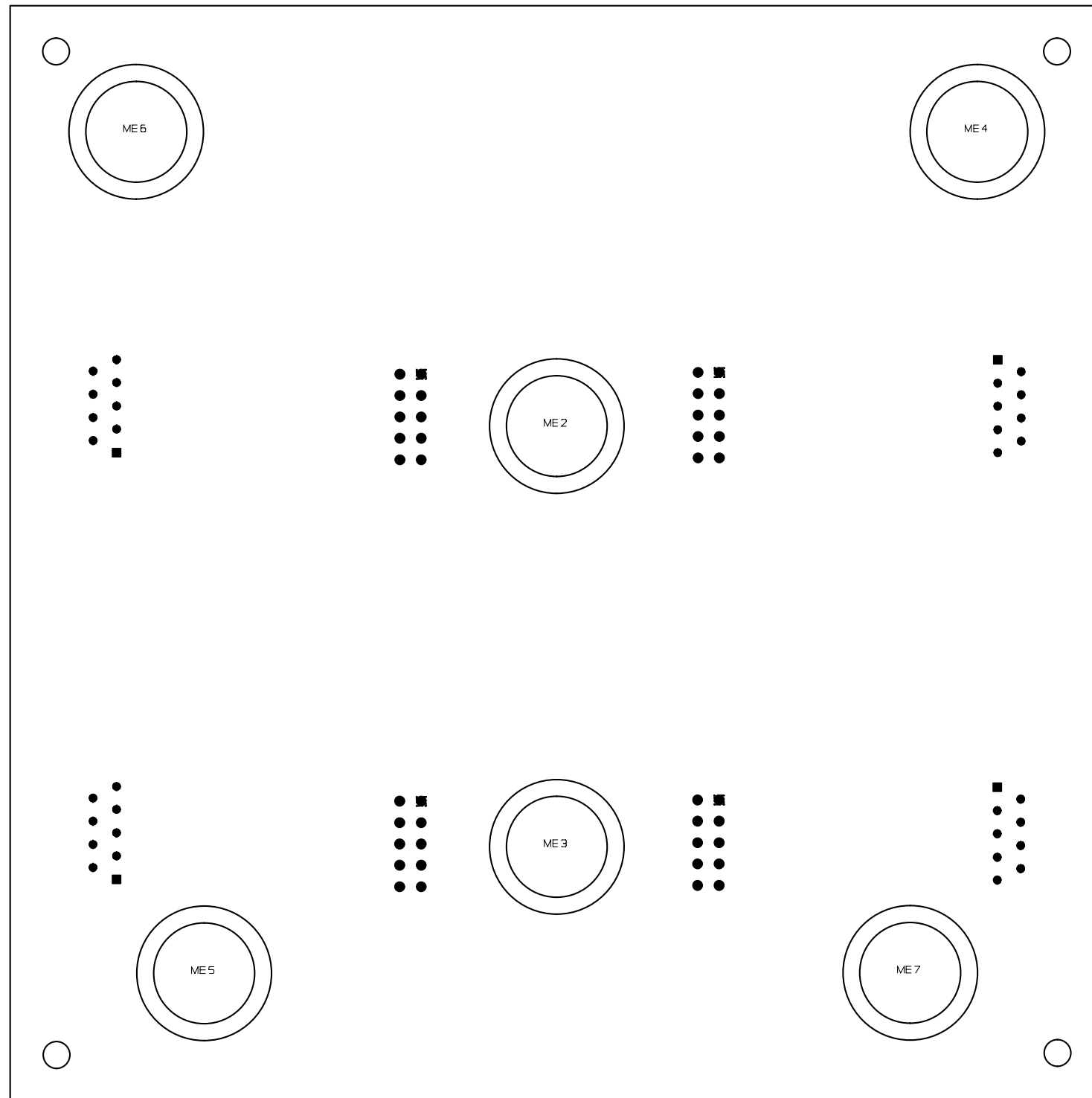
Usable for:		Scale:		Filename: UART_APPKIT_0b.scm	
		UART_APPKIT_0			
		V01/3040			
		UART Application Board for JumpStart development boards.			
		4xUART: 1.152Mbps, RS232/RS422/RS485.			
		SUB-D 9pin male, 0-70°C			
		Title:		MEI_D	
		Designer		10.01.2008 DA	
		Approved			
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		of		5	
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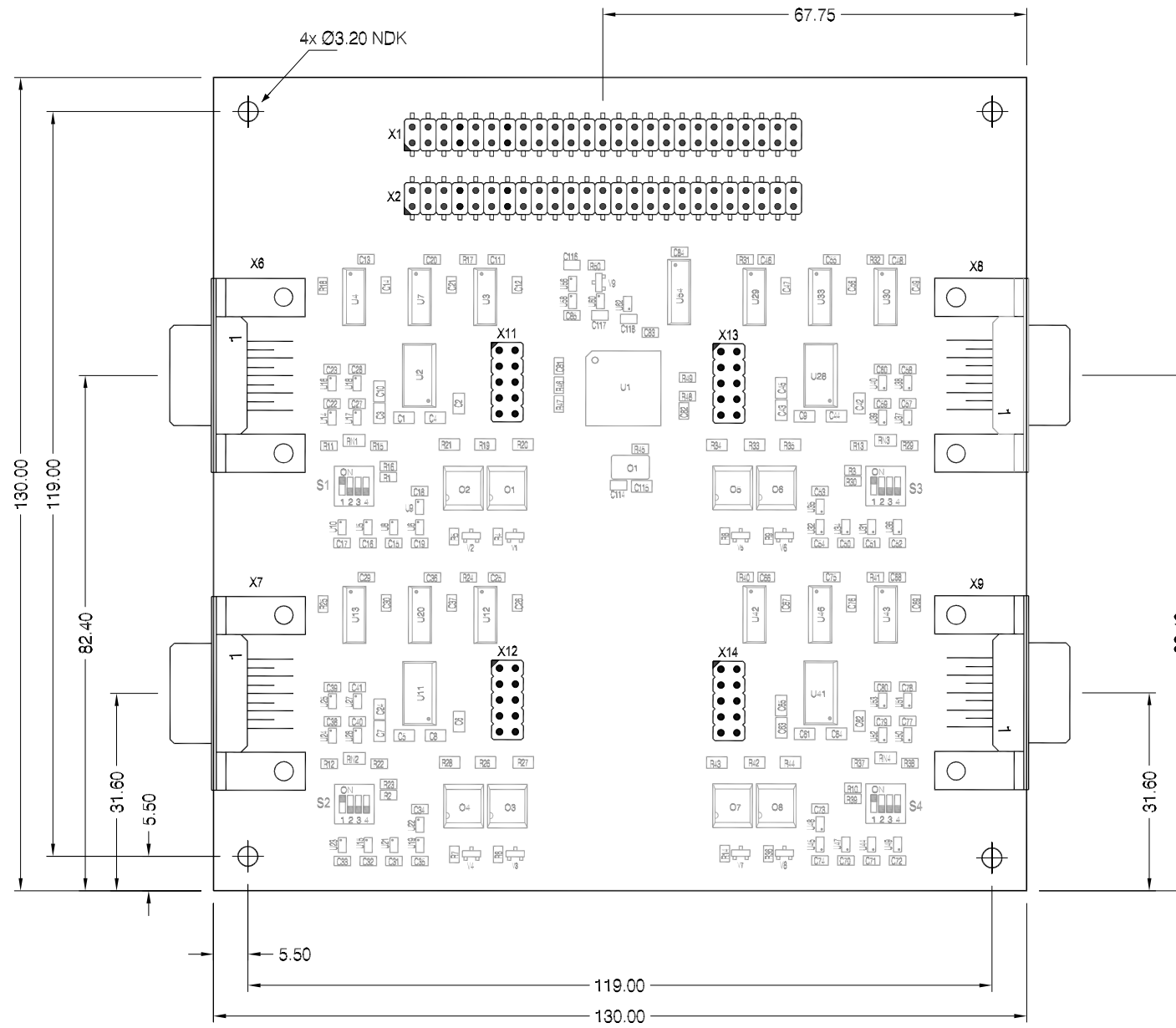
UART_APPKIT_0 Placement TOP 10.01.08


Usable for:		Scale: 1.5		Filename: UART_APPKIT_0b.pcb	
		UART_APPKIT_0 V01/3040		<small>UART Application Board for JumpStart development boards. 4xUART, 1.452Mbps, RS232/RS422/RS485. SUB-D 9pin male, 0-70°C</small>	
		Date: 10.01.2008		Name: SC	
		Designer:		Title:	
		Approved:		Placement TOP Side	
		ISO:			
				Partnumber: L03056	
				Sheet 1 of 2	
Rev.	Modification	Date	Name	Provided for:	Provided by:
B	Added comment	17.04.08	SC		
A	U54 replaced	08.02.08	SC		



UART_APPKIT_0 Placement BOT 10.01.08

Usable for:				Scale: 1.5		Filename: UART_APPKIT_0b.pcb	
				UART_APPKIT_0 V01/3040 <small>UART Application Board for JumpStart development boards. 4xUART, 1.152Mbps, RS232/RS422/RS485, SUB-D 9pin male, 0-70°C</small>			
				Designer	10.01.2008	Name	SC
				Approved			
				ISO			
						Partnumber:	
						L03056	
Rev.	Modification	Date	Name	Provided for:		Provided by:	
B	Added comment	17.04.08	SC				
A	U54 replaced	08.02.08	SC				



Usable for:				Scale: 1:1		Filename: UART_APPKIT_MECH.DWG		
				UART Application Board				
				Title:		Dimensions TOP		
		Draw.	Date	Name				
		Appr.	19.03.08	SC				
		Stand.						
						Partnumber: 3040		Sheet 1
						Provided for:		of 1
Rev.	Modification	Date	Name			Provided by:		