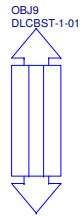
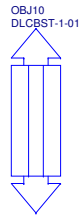
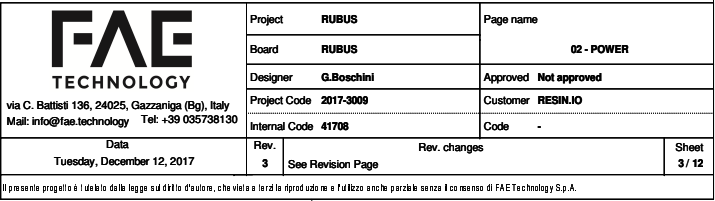


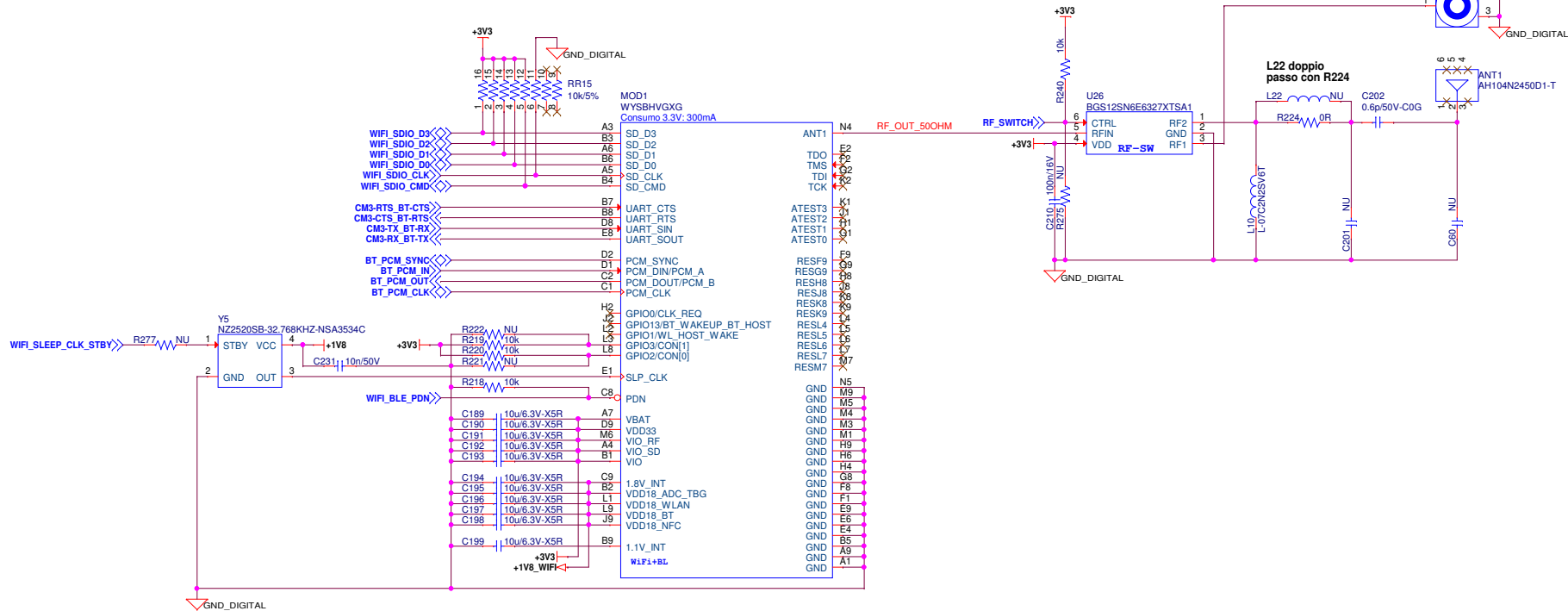
Revision	Date	Author	Description
1	13/05/2017	G.Boschini	First Draft
2	26/08/2017	G.Boschini	<ul style="list-style-type: none">- Updated symbol from library- Removed micro SD card interface- Removed Artik Q20 USB Debug- Removed Temperature and Humidity sensor- Removed CW31 Jtag connector- Removed Accelerometer and Gyroscope sensor- Removed Battery Backup from Artik- Changed color led +5V and +3v3- Changed Display and Camera connector- Changed WIFI+BL Module- Changed LED driver functionality (from CM3 or Artik)- Moved on I2C0 Camera, Display and EEPROM HAT- Moved on I2C1 Artik and HAT- Added NanoSIM support- Added extended IO Artik connector- Added Power Disconnection functionality managed by Artik- Corrected SWD Artik pinout- Replaced USB HUB and Ethernet controller with LAN9514
2	20/11/2017	G.Boschini	<ul style="list-style-type: none">- Updated symbol from library- Removed DS1- Removed FTDI Programm connector (J23)- Replaced HDMI-D connector with HDMI-A connector- Replaced eMMC with Sandisk- Added Power On/Off LED- Added UART connection between Artik and CML via FTDI chip- Added RF-Switch for select antenna- Added 5V protection for power-up from HAT- Added Power switch for powerdown 5V device (USB HOST, HDMI)- Added PullUp on HDMI_14_06 signal- Added mPCIe Reset functionality- Improved capacitor at DC input of mPCIe- Changed project name from Amber to Rubus- Changed HAT fuse to 3A- Changed PullDown LED RGB Resistor- Changed Voltage Input Rail up to 30V



Test Point SPEA

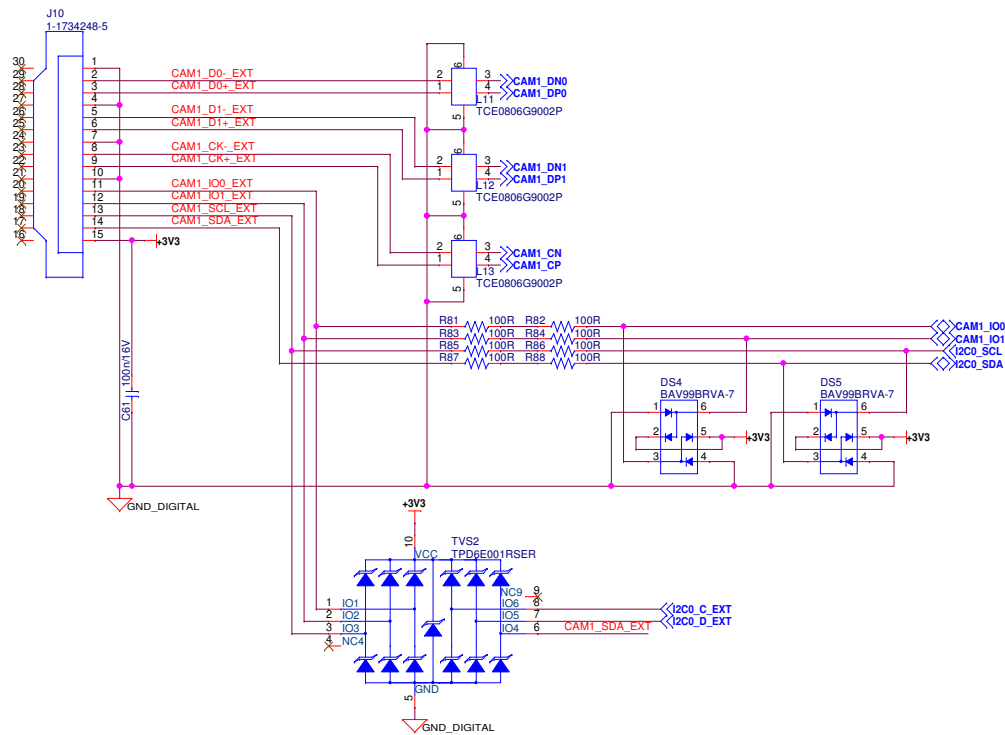
 via C. Battisti 136, 24025, Gazzaniga (Bg), Italy Mail: info@fae.technology Tel: +39 035738130	Project	RUBUS	Page name	
	Board	RUBUS	00 - REVISION	
	Designer	G.Boschini	Approved Not approved	
	Project Code	2017-3009	Customer RESINJO	
	Internal Code	41708	Code -	
Data		Rev.	Rev. changes	
Wednesday, December 13, 2017		3	See Revision Page	Sheet 1 / 12
Il presente progetto è l'output della legge sul diritto d'autore, che vieta la sua riproduzione anche parziale senza il consenso di FAE Technology S.p.A.				





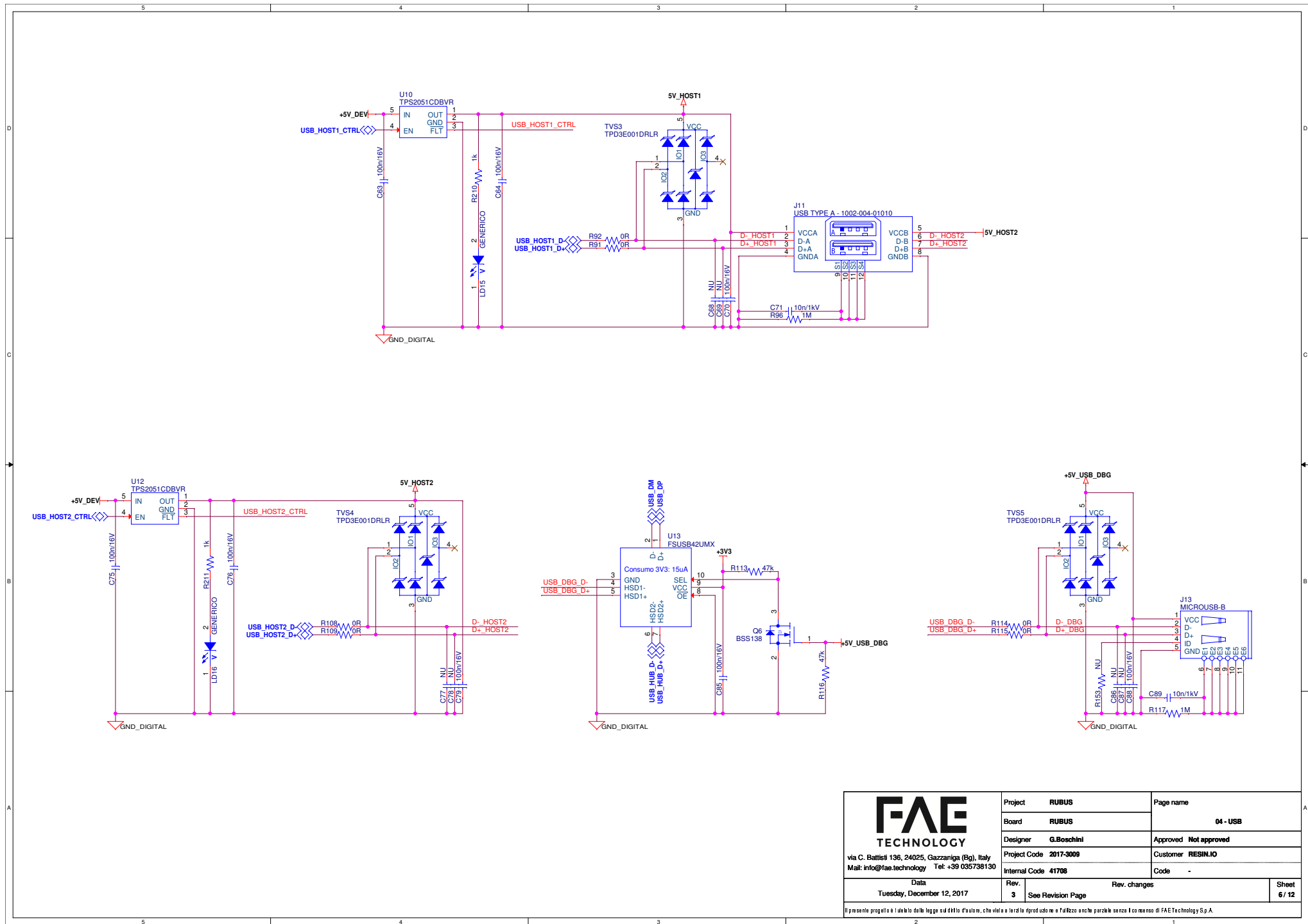
FAE TECHNOLOGY via C. Battisti 136, 24025, Gazzaniga (Bg), Italy Mail: info@fae.technology Tel: +39 035738130	Project	RUBUS	Page name	
	Board	RUBUS	02 - WIF1 - BLE	
	Designer	G.Boschini	Approved Not approved	
	Project Code	2017-3009	Customer RESINJO	
	Internal Code	41708	Code -	
Data	Rev.	Rev. changes		Sheet
Tuesday, December 12, 2017	3	See Revision Page		4 / 12

Il presente progetto è l'output della legge sul diritto d'autore, che vieta la sua riproduzione o l'uso anche parziale senza il consenso di FAE Technology S.p.A.



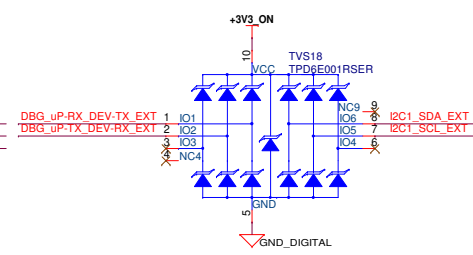
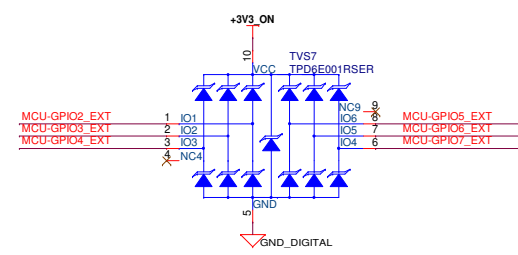
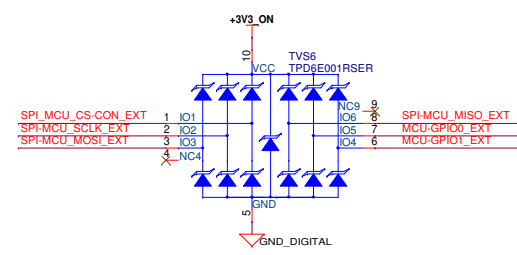
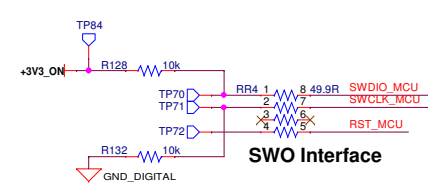
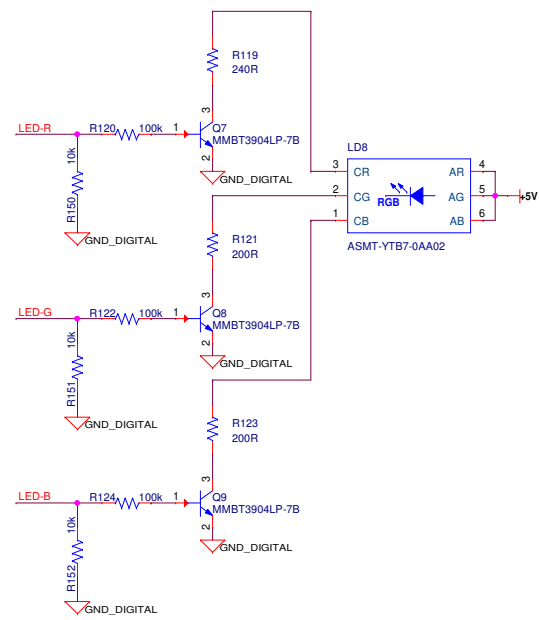
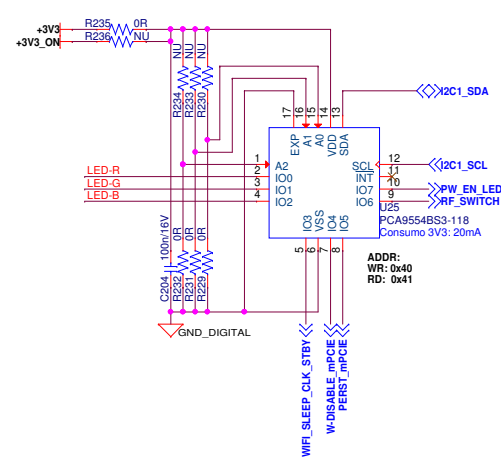
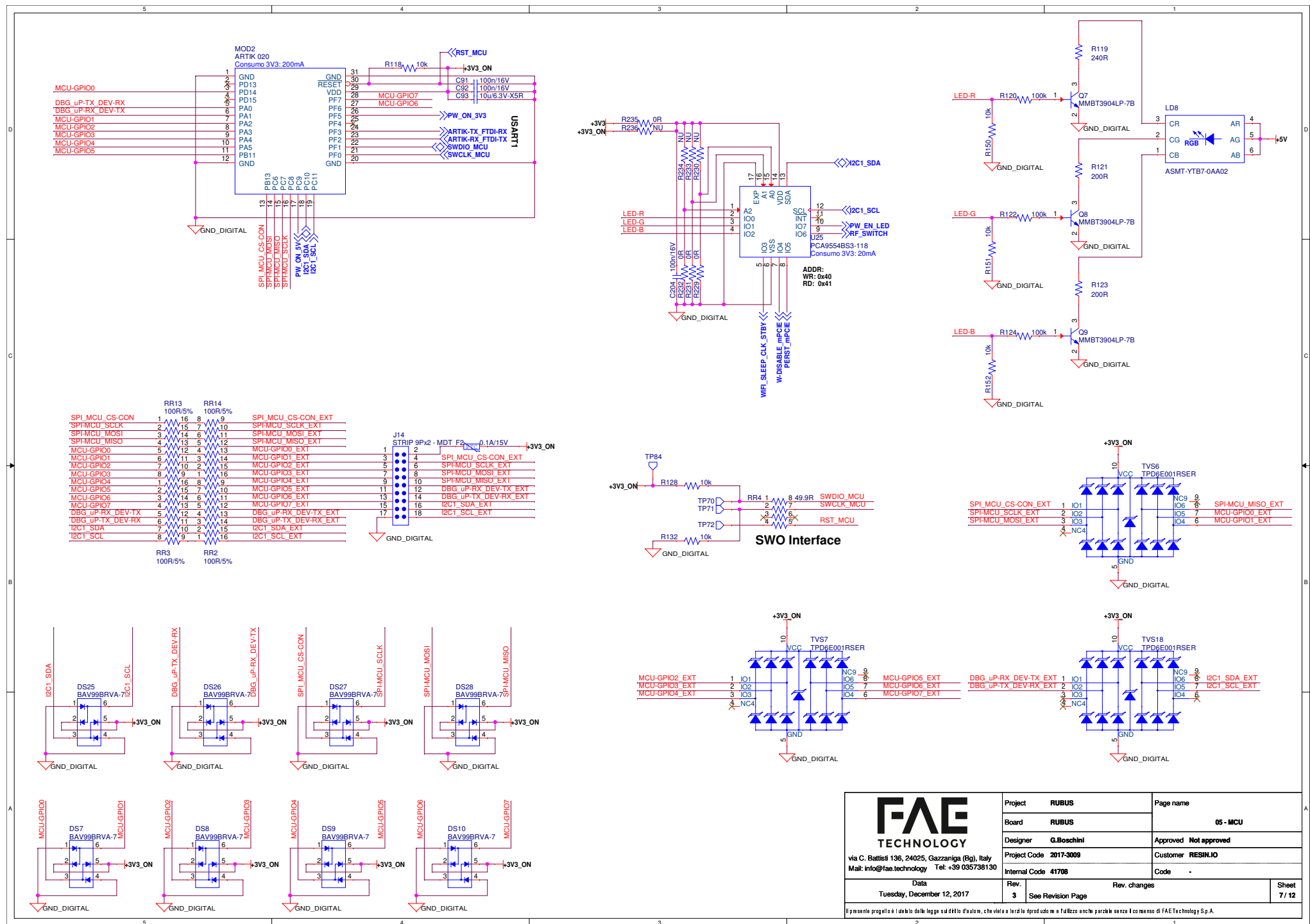
FAE TECHNOLOGY via C. Battisti 136, 24025, Gazzaniga (Bg), Italy Mail: info@fae.technology Tel: +39 035738130	Project	RUBUS	Page name	
	Board	RUBUS	03 - CAMERA	
	Designer	G.Boschini	Approved Not approved	
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	Internal Code	41708	Code -	
Date	Rev.	Rev. changes		Sheet
Tuesday, December 12, 2017	3	See Revision Page		5 / 12

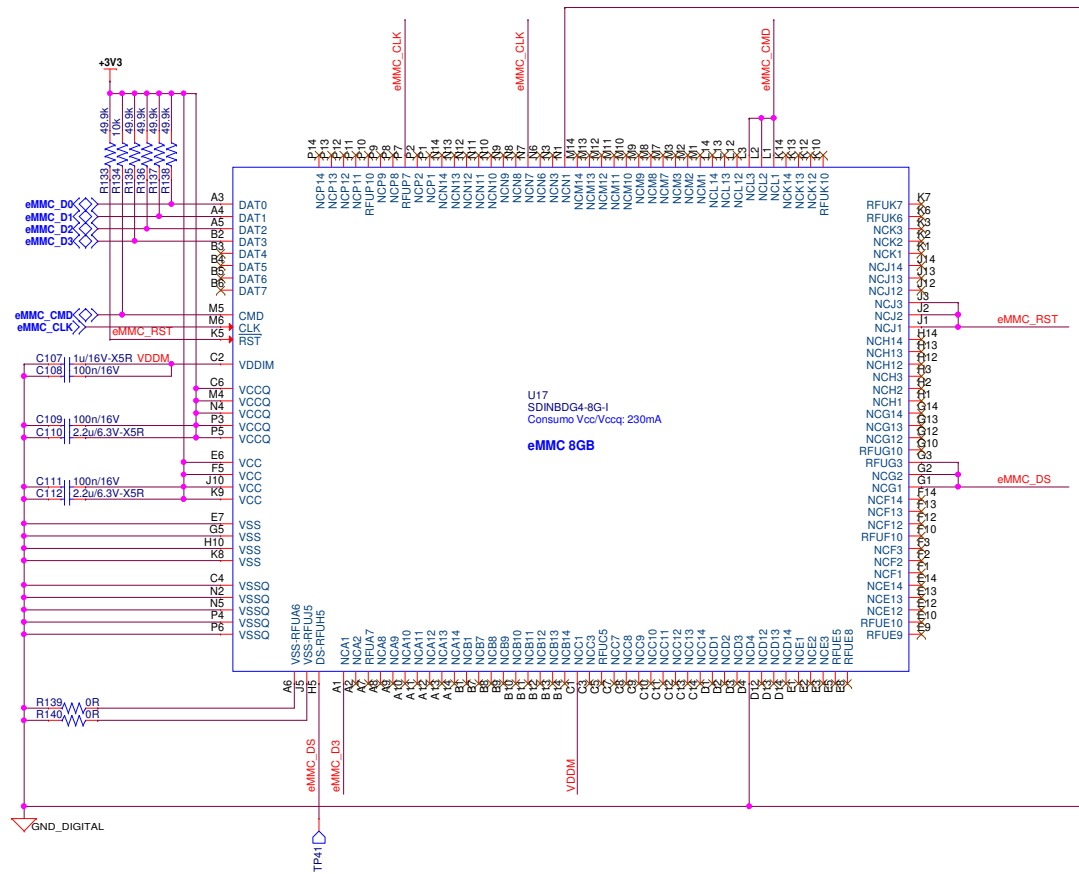
Il presente progetto è l'output della legge sul diritto d'autore, che vieta la sua riproduzione o l'uso anche parziale senza il consenso di FAE Technology S.p.A.



FAE TECHNOLOGY via C. Battisti 136, 24025, Gazzaniga (Bg), Italy Mail: info@fae.technology Tel: +39 035738130	Project	RUBUS	Page name	
	Board	RUBUS	04 - USB	
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Date	Rev.	Rev. changes		Sheet
Tuesday, December 12, 2017	3	See Revision Page		6 / 12

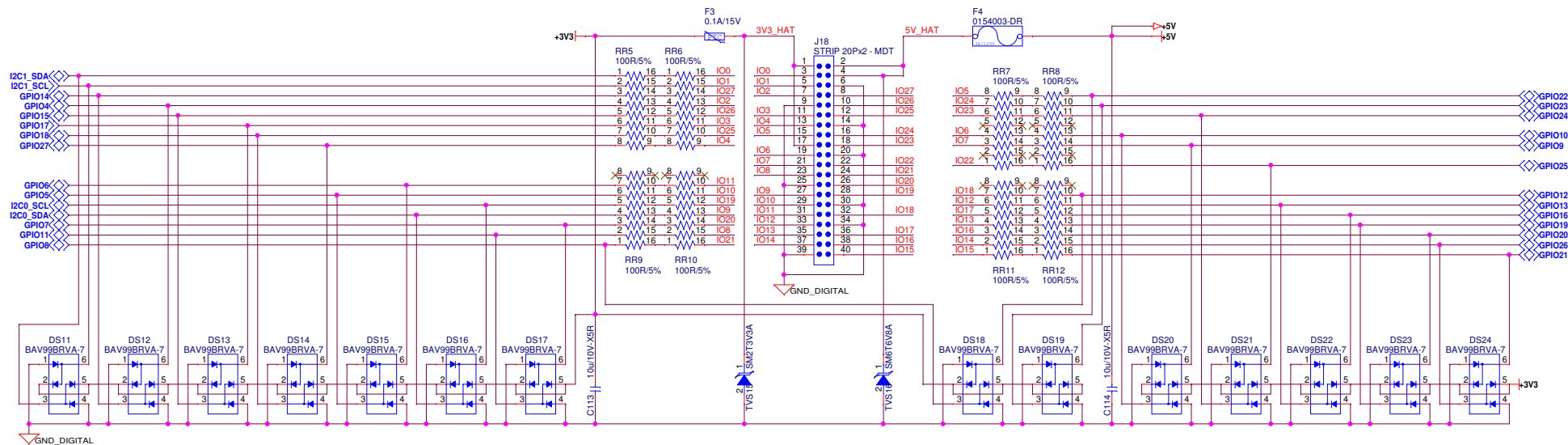
Il presente progetto è l'output delle attività svolte nel corso del progetto, che viene a loro volta riprodotto e distribuito anche parzialmente senza il consenso di FAE Technology S.p.A.





FAE TECHNOLOGY via C. Battisti 136, 24025, Gazzaniga (Bg), Italy Mail: info@fae.technology Tel: +39 035738130		Project	RUBUS	Page name	
		Board	RUBUS	05 - eMMC	
		Designer	G.Boschini	Approved Not approved	
		Project Code	2017-3009	Customer RESINJO	
		Internal Code	41708	Code -	
Data		Rev.	Rev. changes		Sheet
Tuesday, December 12, 2017		3	See Revision Page		8 / 12

Il presente progetto è l'output della legge sul diritto d'autore, che vieta la sua riproduzione o l'uso anche parziale senza il consenso di FAE Technology S.p.A.



FAE TECHNOLOGY via C. Battisti 136, 24025, Gazzaniga (Bg), Italy Mail: info@fae.technology Tel: +39 035738130	Project	RUBUS	Page name	
	Board	RUBUS	07 - HAT	
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Data		Rev.	Rev. changes	
Tuesday, December 12, 2017		3	See Revision Page	Sheet 9 / 12

Il presente progetto è l'output della legge sul diritto d'autore, che vieta la riproduzione o l'uso anche parziale senza il consenso di FAE Technology S.p.A.

