Schematic diagram — FCStellarisSCH.SchDoc

Notes:
* Versao impressa na placa
* Ajustar os IOs para ficar mais facil de rotear

* Fazer a plaquinha extra p/ display
* Conferir SD card
* Fazer o footprint dos conectores

Title:
Size: A3
Number:
Revision:
Date: 2/11/2012
File: C:\Users\..\FCStellarisSCH.SchDoc
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Bill of Materials

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Source Data From: **FCstellaris.PrjPCB**

Project: **FCstellaris.PrjPCB**

Variant: **None**

Creation Date: 2/11/2012   1:35:38 AM

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Footprint	Comment	LibRef	Designator	Description	Quantity
	LSM303DLHC	LSM303DLHC		3-axis Compass and accelerometer I2C Interface	1
	MOSFET_NPN	MOSFET_NPN			1
Capacitor 0805	Cap	Cap	C1, C2, C4	Capacitor	3
C0805	Cap Pol3	Cap Pol3	C3	Polarized Capacitor (Surface Mount)	1
RAD-0.3	Cap	Cap	C5, C6, C7, C?	Capacitor	20
SMB	D Schottky	D Schottky	D?	Schottky Diode	1
3.2X1.6X1.1	LED2	LED2	D?	Typical RED, GREEN, YELLOW, AMBER GaAs LED	1
led0805	LED2	LED2	D?	Typical RED, GREEN, YELLOW, AMBER GaAs LED	1
Con256M2x1	Conector 2x1	conector254-2x1	M1		1
	MOTOR OUTPUT	conector127-8x1	M4		1
	RADIO REC.	conector127-8x1	M5		1
	COLINKEX	JTAG_COLINKEX	M6		1
	I2C EXP. & NAVI	conector127-8x1	M?		1
	LCD	conector127-8x1	M?		1
AXIAL-0.3	Res1	Res1	R2, R?	Resistor	9
Capacitor 0805	Res1	Res1	R?	Resistor	1
QFP50P1200X1200X160-64N	LM3S2776-IQR	LM3S2776-IQR	U1	Stellaris ARM Cortex-M3 Microcontroller	1
AMS1111	AMS1111	AMS1111	U2	3.3V Linear Regulator	1
LGA16	L3G4200D	L3G4200D	U3	Digital Gyroscope 3-axis	1
	MICRO SD	MINI_SD	U?		1
R38	8MHz	XTAL	Y1	Crystal Oscillator	1
					50

Approved	Notes		