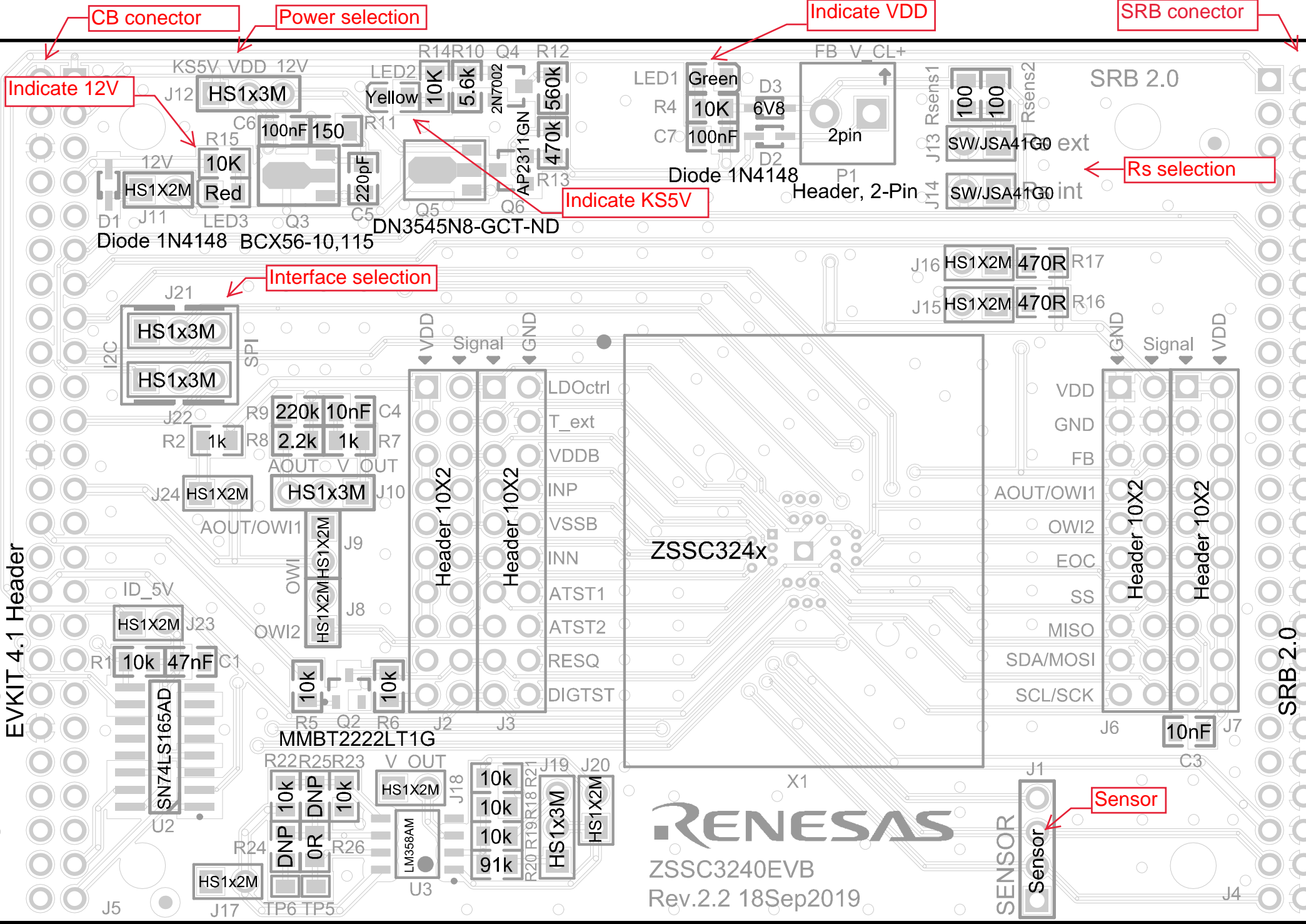


Title: ZSSC3240EVB			RENESAS
Project: ZSSC3240EVB.PrjPcb			
Size: A3	Sheet: 1 of 1	Drawn by:	
File: ZSSC3240EVB.SchDoc			
Revision: 2.2			Date: 9.4.2020 r.



RENESAS

ZSSC3240EVb
Rev.2.2 18Sep2019

EVKIT 4.1 Header

SRB 2.0

SENSOR



BILL OF MATERIALS ZSSC3240_EVB

No	Name	Type	Package	Manufacturer	Manufacturer Code	pcs.
1	C1	47nF 100V X7R +-10%	C0805	SAMSUNG ELECTRO-MECHANICS	CL21B473KCFNNNF	1
2	C3,C4	10nF 50V X7R +-5%	C0805	SAMSUNG ELECTRO-MECHANICS	CL21B103JBANNNC	2
3	C5	220pF 50V C0G +-5%	C0805	SAMSUNG ELECTRO-MECHANICS	CL21C221JBNC	1
4	C6, C7	100nF 50V X7R +-10%	C0805	SAMSUNG ELECTRO-MECHANICS	CL21B104KBNC	2
5	D1, D2	75V 300mA 4ns 2pF	SOD323	DIODES/ZETEX	1N4148WS-7-F	2
6	D3	6.8V 200mW	SOD323	ROHM	UD2STE-176.8B	1
7	J1	HN1X4 2.54mm	HS1X4M	CVILUX	CH31042V200	1
8	J2,J3,J6,J7	HN2X40 TH, P2.54mm	HS2X10M	CVILUX	HN2X40	4
9	J4	2x 25-pin socket terminal strip, angled, RM 2.54	HR2X25M	N.A	N.A	1
10	J5	2 x 25-pin header, angled, pitch 2.54	HR2X25F	N.A	N.A	1
11	J8, J9, J11, J15, J16, J17, J18, J20, J23, J13,J14,J24	HN1X2	HS1X2M	3M	961102-6404-AR	12
12	J10, J12, J19, J21, J22,	HN1X3 TH, P2.54mm	HS1X3M	CVILUX	CH31032V200	5
13	LED1	OSG50805C1E	LED0805 G 3D	OPTOSUPPLY INTERNATIONAL	OSG50805C1E	1
14	LED2	OSY50805C1E	LED0805 Y 3D	OPTOSUPPLY INTERNATIONAL	OSY50805C1E	1
15	LED3	OSR50805C1E	LED0805 R 3D	OPTOSUPPLY INTERNATIONAL	OSR50805C1E	1
16	P1	DG350-3.5-02P-14-00AH	HDR 1x2	DEGSON	DG350-3.5-02P-14-00AH	1
17	Q2	MMBT2222LT1G. - Bipolar (BJT) Single Transistor, General P	ONSC-SOT-23-3-318-08_L	ON SEMICONDUCTOR	MMBT2222LT1G.	1
18	Q3	NPN 80V 1A 1.3W HFE 100-250	SOT89	DIODES/ZETEX	BCX5616TC	1
19	Q4	NMOS 60V 0.115A 0.225W, 7.5Ohm/10V	SOT23	ON SEMICONDUCTOR	2N7002LT1G	1
20	Q5	DN3545N8-G - MOSFET Transistor, N Channel, 200 mA, 450	SOT89	MICROCHIP	DN3545N8-G	1
21	Q6	PMOS 60V 1.8A 1.38W 250mOhm/10V; 300mOhm/4.5V	SOT23	ADVANCED POWER ELECTR. CO	AP2311GN-HF-3TR	1
22	R1, R4, R5, R6, R14, R15, R18, R19, R21, R22, R23	RES SMD 0805 5% 10K 1/8W	R0805 3D	UNI OHM	0805S8J0103T50	11
23	R7,R2	RES SMD 0805 5% 200ppm 1.0K 1/8W	R0805 3D	UNI OHM	0805S8J0102T50	2
24	R8	RES SMD 0805 5% 2.2K 1/8W	R0805 3D	UNI OHM	0805S8J0222T50	1
25	R9	RES SMD 0805 5% 100ppm 220K 1/8W	R0805 3D	UNI OHM	N.A	1
26	R10	RES SMD 0805 1% 100ppm 5.6K 1/8W	R0805 3D	YAG/ASJ	N.A	1
27	R11	RES SMD 0805 5% 200ppm 150R 1/8W	R0805 3D	UNI OHM	0805S8J0151T50	1
28	R12	RES SMD 0805 5% 560K 1/8W	R0805 3D	UNI OHM	0805S8J0564T50	1
29	R13	RES SMD 0805 5% 470K 1/8W	R0805 3D	UNI OHM	0805S8J0474T50	1
30	R16, R17	Резистори SMD 0805 5%	R0805 3D	UNI OHM	0805S8J0471T50	2
31	R20	Res 91K	R0805 3D	UNI OHM	0805S8J0913T50	1
32	R24, R25	DNP	R0805 3D			2
33	R26	RES SMD 0805 JUMPER MAX 2A 50mOhm	R0805 3D	YAG/ASJ	N.A	1
34	Rsens1, Rsens2	RES SMD 0805 5% 100ppm 100R 1/8W	R0805 3D	YAG/ASJ	N.A	2
35	U2	SN74LS165AD - SERIAL-OUT SHIFT REGISTERS, 74LC165	SOIC16-3.81-1.27	TEXAS INSTRUMENTS	SN74LS165AD	1
36	U3	Low Power Dual Operational Amplifier, 8-pin Narrow SOIC	SO8	ON SEMICONDUCTOR	LM358DR2G	1
37	X1	QFN24 ZIF socket	QFN24 Socket	PLASTRONICS	24LQ50K14040	1

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