

Document reference:		PCB reference: STEVAL-PCC009V1			Date: 29/04/2010				
Company: STMicroelectronics									
Category	S. No.	Reference Designator	Component Description	Package	Manufacturer	Manufacturer's ordering code / Orderable Part Number	Supplier	Supplier Ordering Code	Quantity
ST Devices	1	U1 (DNM)	ESDALC6V1M3	SOT883	ST	ESDALC6V1M3			1
	2	U11	LD1117D33TR	SO-8	ST	LD1117D33TR			1
	3	(U5,U10) (DNM)	ST2349QTR	QFN16	ST	ST2349QTR			1
	4	U2	STM32F103VBT6	LQFP100	ST	STM32F103VBT6			1
	5	U9	USBLC6-2P6	SOT-666	ST	USBLC6-2P6			1
	6	U4,U8	ESDALC6V1M6	uQFN16	ST	ESDALC6V1M6			2
	7	(U3,U6,U7) (DNM)	ESDALC6V1M6	uQFN16	ST	ESDALC6V1M6			3
	8	Q1(DNM)	2STR1215	SOT-23	ST	2STR1215			1
NON ST Devices									
Crystal and Oscillator	9	Y2	CRYSTAL 8.000 MHZ SER 49US	11.35 x 4.5 mm crystal	Any		Digikey	535-9864-1-ND	1
	10	Y1	CRYSTAL 32.768KHZ 12.5PF CYL	Through Hole	Any		Digikey	535-9032-ND	1
Connectors and jumpers	11	J2	CON10A 90 degree	Header 2x5 pin, 2.54mmx2.54mm Pitch	Any		Digikey	S9177-ND	1
	12	J1 (DNM)	CON10A 90 degree	Header 2x5 pin, 2.54mmx2.54mm Pitch	Any		Digikey	S9177-ND	1
	13	J3	JTAG connector 90 degree	Header 2x10 pin, 2.54mmx2.54mm Pitch	Any		Digikey	S9180-ND	1
	14	J5	Mini USB B-Type	USB Mini B-Type	Any		Samtec/ Digikey	H2959CT-ND	1
	15	J6	Power Selection Jumper	Jumper 1x3 pin, 2.54mm Pitch	Any		Digikey	609-2223-ND	1
	16	(J4, J7) (DNM)	30 pin connector	Header 2x15 pin, 2.54mmx2.54mm Pitch	Any		Any		2
	17	J7a	DFU Mode selection Pin (To short pin 9 and pin 11 of J4)	Jumper 1x2 pin, 2.54mm Right Angle Pitch	Any		Digikey	609-2227-ND	1
	18	J8 (DNM)	uSD card connector	uSD card connector (6mm X 6mm) push button, Through Hole	Any		Digikey	P8079SCT-ND	1
	19	SW2	Push Button Switch	LED RED CLEAR 0805 SMD	3 mm SMD LED	Any	Digikey	160-1176-1-ND	1
	LEDs	20	D1	LED RED CLEAR 0805 SMD	3 mm SMD LED	Any	Digikey	399-1108-2-ND	2
Capacitors	21	C1,C2	10pF	SMD0805	Any	Digikey	709-1172-1-ND	2	
	22	C4,C5	22pF	SMD0805	Any	Digikey	PCC2452TR-ND	11	
	23	C3,C11,C12,C13,C14,C15,C16,C22,C26,C27,C17	CAP .10UF 50V CERAMIC X7R 0805	SMD0805	Any	Digikey	PCC2417CT-ND	2	
	24	(C6, C7, C17, C18, C25) (DNM)	CAP .10UF 50V CERAMIC X7R 0805	SMD0805	Any	Digikey	399-1159-1-ND	1	
	25	C9,C21	10uF	SMD0805	Any	Digikey	399-1155-1-ND	2	
	26	C10	10nF	SMD0805	Any	Digikey	PCC2234TR-ND	2	
	27	C20,C23	4.7nF	SMD0805	Any	Digikey	PCC2297CT-ND	1	
	28	(C8,C19) (DNM)	CAP 1.0UF 50V CERAMIC F 1206	SMD1206	Any	Digikey	PCC2297CT-ND	1	
	29	C28	4.7uF	SMD1206	Any	Digikey	PCC2297CT-ND	1	
	30	C24(DNM)	4.7uF	SMD1206	Any	Digikey		1	
	Inductors	31	L1 (Replaced with 0 Ohm)	INDUCTOR MULTILAYER 10UH	SMD Inductor	Any	Digikey	RHM100KATR-ND	2
	Resistors	32	R1,R7	RES 100K OHM 1/8W 5% 0805	SMD0805	Any	Digikey	RMC11/100RTR-ND	6
		33	(R20,R23,R24)(DNM)	RES 100K OHM 1/8W 5% 0806	SMD0806	Any	Digikey	RMC11/100RTR-ND	2
		34	R3,R4,R6,R9, R11, R12	RES 0.0 OHM 1/8W 0805 SMD	SMD0805	Any	Digikey	RMC11/101MJRTR-ND	1
		35	(R2, R8)(DNM)	RES 0.0 OHM 1/8W 0805 SMD	SMD0805	Any	Digikey	P10KADTR-ND	6
36		R5,R19	RES 1M OHM 1/8W 5% 0805 SMD	SMD0805	Any	Digikey	P1.5KACT-ND	1	
37		R10,R14,R15,R16,R17	10k	SMD0805	Any	Digikey		1	
38		R18, (R26, R27) (0 ohm mounted)	RES 1.5K OHM 1/8W 5% 0805	SMD0805	Any	Digikey		1	
39		R21 (DNM)	SMD	SMD0805	Any			1	
40		R22(DNM)	RES 500 OHM 1/8W 5% 0805 SMD	SMD0805	Any	Any		1	
41		R25	RES 300 OHM 1/8W 5% 0805 SMD	SMD0805	Any	Digikey	311-300ARTR-ND	1	
42		RN1,RN2,	RES ARRAY ZERO OHM JUMPER	SMD0805	Any	Digikey	YC164J-4.7KCT-ND	2	
43		RN4,RN6	RES ARRAY 4.7K OHM 8TRM 4RES SMD	SMD0805	Any	Digikey	YC164J-0.0TR-ND	2	
44		(RN5, RN3) (DNM)	RES ARRAY 4.7K OHM 8TRM 4RES SMD	SMD0805	Any	Digikey	YC164J-4.7KCT-ND	2	
45		RN7	RES ARRAY 10K OHM 5% 4 RES	SMD0805	Any	Digikey	Y9103CT-ND	1	