

Board Name:		STEVAL-ISA056V1					
			Date:	1/17/2008	Number of boards:		
QTY	Component	Description	Package	Part-Number	Manufacturer	Value	Supplied Qty
<b>Capacitors</b>							
1	<b>C1</b>	Ceramic, 35V, X5R, 20%	SMD 1210	UMK325BJ106KM-T	Taiyo Yuden	10u	
2	<b>C2,C3</b>	Ceramic, 50V, X7R, 20%	SMD 1206	GRM31CR71H225KA88B	Murata	2u2	
1	<b>C4</b>	Ceramic, 50V, X7R, 20%	SMD 1206	GRM31CR71H225KA88B	Murata	N.M.	
1	<b>C5</b>	Ceramic, 25V, X5R, 20%	SMD 0603		Standard	1u	
1	<b>C6</b>	Ceramic, 25V, X5R, 20%	SMD 0603		Standard	100n	
1	<b>C7</b>	Ceramic, 25V, X5R, 20%	SMD 0603		Standard	3n3	
1	<b>C8</b>	Ceramic, 25V, X5R, 20%	SMD 0603		Standard	4n7	
1	<b>C9</b>	Ceramic, 25V, X5R, 20%	SMD 0603		Standard	N.M.	
1	<b>C10</b>	Ceramic, 25V, X5R, 20%	SMD 0603		Standard	560p	
1	<b>C11</b>	Ceramic, 25V, X5R, 20%	SMD 0603		Standard	4n7	
1	<b>C12</b>	Ceramic, 25V, X5R, 20%	SMD 0603		Standard	N.M.	
1	<b>C13</b>	Ceramic, 50V, X5R, 20%	SMD 0603		Standard	22p	
<b>Resistors</b>							
1	<b>R1</b>	Chip Resistor, 0.1W, 1%	SMD 0603		Standard	510k	
1	<b>R2</b>	Chip Resistor, 0.1W, 1%	SMD 0603		Standard	16k	
1	<b>R3</b>	Chip Resistor, 0.1W, 1%	SMD 0603		Standard	2k4	
1	<b>R4</b>	Chip Resistor, 0.1W, 1%	SMD 0603		Standard	4R7	
1	<b>R5</b>	Chip Resistor, 0.1W, 1%	SMD 0603		Standard	330k	
1	<b>R6</b>	Chip Resistor, 0.1W, 1%	SMD 0603		Standard	51k	
1	<b>R7</b>	Chip Resistor, 0.1W, 1%	SMD 0603		Standard	180k	
1	<b>R8</b>	Chip Resistor, 0.1W, 1%	SMD 0603		Standard	680k	
2	<b>R9, R10</b>	Chip Resistor, 0.1W, 1%	SMD 0603		Standard	100k	
1	<b>R11</b>	Chip Resistor, 0.1W, 1%	SMD 0603		Standard	1k2	
2	<b>R12, R13</b>	Chip Resistor, 0.1W, 1%	SMD 0603		Standard	N.M.	
1	<b>L1</b>	6u8, 75mΩ, 2.7A	6x6mm	LPS6235-682MLC o LPS6225-682MLC	Coilcraft	6u8	100
<b>Diodes</b>							

1	<b>D1</b>	Schottky, 40V, 1A	DO216-AA	STPS1L40M	ST	STPS1L40M	
1	<b>D2</b>	Red LED, 3mA	SMD 0603		Standard		
1	<b>D3</b>	Signal Schottky	SOD-523	BAS69	ST	N.M.	
<b>Integrated Circuits</b>							
1	<b>U1</b>	I.C.	QFN4x4-24	PM6600	ST	PM6600	
<b>Connectors and Test-points</b>							
13	TP1, TP2, TP3, TP4, TP5, TP6, TP7, TP8, TP9, TP10, TP11, TP12, TP13, TP14, TP15	Connector	1.4mm				
1	<b>J2</b>	PCB pads selector					
1	<b>J8</b>	Header 8	SIL 8		Standard	strip da 8 a ELLE	
1	<b>SW3</b>	switch	6x6mm	FSM4JSMAT	TYCO	RS:479-1508	
1	<b>SW1, SW2</b>	jumper 3	SIL 3		Standard	strip da 3	