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DATE : <i>Aug. 2009</i>	QUALIFICATION REPORT	PAGE : 1/2
	In accordance with PGQ 15 : GENERAL PRINCIPLES OF QUALIFICATION	

<i>Product :</i>	EV10CS140VTPY – 10bit 3Gsps Demux
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<i>Qualification status :</i>	<input checked="" type="checkbox"/> Accepted	<input type="checkbox"/> Pending	<input type="checkbox"/> Rejected
<i>This product has met all e2v Grenoble qualification requirements.</i>			

<i>Qualified products :</i>	Package	Temperature range	Screening level
EV10CS140VTPY	EBGA 240	“V” Grade : -40C < Ta; Tj < 110°C	Standard

<i>Directive 2002/95/EC compliance status :</i>	<input checked="" type="checkbox"/> Pb free compliant	<input checked="" type="checkbox"/> RoHS compliant	<input type="checkbox"/> Fully Green compliant
	<input type="checkbox"/> Not compliant		

<i>Die information :</i>		
Die size : 6.98 mm x 7.11 mm (49.6 mm²)	P. dissipated in Watt : 2.9 W max.	Mask : VM56A
Wafer fab. : JAZZ	Process : SBC35-QTF	Technology : HS SiGe-CMOS

<i>Package information :</i>		
Outline : 25 mm x 25 mm x 1.6 mm	Pitch : 1.27 mm	Solder ball composition : 96.5/3/0.5 (Sn/Ag/Cu)
Assy plant : ASAT DG	Moisture sensitivity level : MSL 3	Max. peak reflow : 260 °C

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Qualification batch information :			
Mask : VM56A	Diffusion lot : K76064.1	Assy lot ID : K76064.1\$2	Date Code : 0911

Qualification tests results :						
SUB-GROUP	TEST <i>Acceptable criteria</i>	METHOD <i>Condition</i>	LTPD or Qty (Acc. Nb)	Sample	Acc. Numb	Fail
-	Construction analysis <i>Jazz SBC35-QTF specs</i>	MIL-STD-883 TM2018	-	6 dices	0	0
C1	Steady-state life test <i>Electrical measurements</i>	MIL-STD-883 TM1005 Tj 125°C / 1000Hrs <i>Test prog. 25°C</i>	45 (0)	45	0	0
-	ESD HBM <i>Electrical measurements</i>	JESD22-A114E 500V HBM <i>Test prog. 25°C</i>	3 (0)	3	0	0
-	Latch-Up <i>Electrical measurements</i>	JESD78 Class I Class II <i>Test prog. 25°C</i>	6 (0) 6 (0)	6 6	0 0	0 0

EBGA 240 Package is qualified by associability