

ASAT response from Scott Chen (scott\_chen@asat.com.cn) received by Maxim Nov 18 2008

LeadFrame Material	SUBCON SUPPLIER	MSDS	RoHS 6 test	Br, Cl test	PFOS+	Red Phosphorous/HDM/PVC/other FR list Maxim Oct 2008	Oct 1 2008 SVHC 16 list
Cu C194 (CDA194) Spot Ag plate + AE COATING	QPL	Y	Y	Y	Y, Did not contain	Not contain	Not contain
Cu EFTEC64T (C18045)	QPL	Y	Y	Y	Y, Did not contain	Not contain	Not contain
Cu CDA151 Spot Ag plate + AE COATING	QPL	Y	Y	Y	Y, Did not contain	Not contain	Not contain
Cu C7025 Spot Ag plate + AE coating	QPL	Y	Y	Y	Y, Did not contain	Not contain	Not contain



Die Attach Material	SUBCON SUPPLIER	MSDS	RoHS 6 test	Br, Cl test	PFOS+	Red Phosphorous/HDM/PVC/other FR list Maxim Oct 2008	Oct 1 2008 SVHC 16 list
Ablebond 1525D	We did not order this material from this vendor						
Ablebond 2000	Ablestik	Y	SDOC 1/11/06, 12/10/07	Y	Y, Did not contain	Under survey supplier	Not contain
Ablebond 2025D	Ablestik	Y	TR 2/7/2007	SDOC 0 FOR BOTH	Not survey report	Under survey supplier	Not contain
Ablebond 2200	Ablestik	Y	SDOC 1/11/06, TR 1/30/07	Y	Y, Did not contain	Under survey supplier	Not contain
Ablebond 2200D	Ablestik	Y	TR 11/30/2007	TR Br=ND Cl=102 11/30/2007	Y, Did not contain	Under survey supplier	Not contain
Ablebond 8200	We did not order this material from this vendor						
Ablebond 8200T	Ablestik	Y	TR 11/30/2007	TR Br=ND Cl=ND 7/31/07	Y, Did not contain	Under survey supplier	Not contain
Ablebond 84-1LMIS (TBGA pkgs)	Ablestik	Y	Y	Y	Y, Did not contain	Under survey supplier	Not contain
Ablebond 84-SR4	Ablestik	Y	Y	Y	Y, Did not contain	Under survey supplier	Not contain
Ablebond JMI7000	We did not order this material from this vendor						
Sumitomo CRM-1525D	Sumitomo	Y	TR 12/27/07	Y	Y, Did not contain	Under survey supplier	Not contain

Sumitomo CRM-1580A

We did not order this material from this vendor

Bond Wire	subcon supplier	MSDS	RoHS 6 test	Br, Cl test	PFOS+	Red Phosphorous/HDM/PVC/other FR list Maxim Oct 2008	Oct 1 2008 SVHC 16 list
Au 1.0 mil T type 4N	MKE	Y	Y	Y	Y, Did not contain	Not contain	Not contain
Au type 2N	MKE	Y	Y	Y	Y, Did not contain	Not contain	Not contain

Lead Finish/Plating	SUBCON SUPPLIER	MSDS	RoHS 6 test	Br, Cl test	PFOS+	Red Phosphorous/HDM/PVC/other FR list Maxim Oct 2008	Oct 1 2008 SVHC 16 list
100% Tin	Rohm & Hass	No report	TR 7/20/04 4 METALS	TR 2/14/07	Y, Did not contain	No report	No report

Mold & ENCAP Material	SUBCON SUPPLIER	MSDS	RoHS 6 test	Br, Cl test	PFOS+	Red Phosphorous/HDM/PVC/other FR list Maxim Oct 2008	Oct 1 2008 SVHC 16 list
NAGASE-CHEMTEK T693-R1001 ENCAPSULANT (FILL)		Y	TR 6/29/07	TR 6/29/07 Br & Cl <900 EACH	Y, Did not contain	Under survey supplier	Not contain
NAGASE-CHEMTEK T693-R1004 ENCAPSULANT (DAM)		Y	TR 6/29/07	TR 6/29/07 Br & Cl <900 EACH	Y, contain PFOS 	Under survey supplier	Not contain
Nagase Resin T693/R1004 (encapsulant)		Y	Y	Y	Y, contain PFOS 	Under survey supplier	Not contain
Loctite-Henkel-Hysol FP4451 (Dam) Encapsulant		Y	TR 5/14/04, 5/7/08	TR 5/7/08 <900	Y, Did not contain	10/28/08 SPIL reporting 0% for all	Not contain
HENKEL FP4559 ENCAPSULANT	We did not order this material from vendor						
Nitto HC-100-CJAA-M	We did not order this material from vendor						
Nitto HC-100-XJAA-M		Y	Y	No test report.	Y, Did not contain	Under survey supplier	Not contain
Shinetsu KMC2520AL		Y	Y	Y	Y, Did not contain	Under survey supplier	Not contain
Sumitomo EME-G770C		Y	Y	No test report.	No survey report	Under survey supplier	Not contain
Sumitomo G700C		Y	Y	Y	Y, Did not contain	Under survey supplier	Not contain

Substrate Material	subcon supplier	MSDS	RoHS 6 test	Br, Cl test	PFOS+	Red Phosphorous/HDM/PVC/other FR list Maxim Oct 2008	Oct 1 2008 SVHC 16 list
BT TBGA substrate	QPL & SMM	Y	Y	Y	Y, Did not contain	Under survey supplier	Not contain
CCL-HL832 (BT)	Eastern	Y	Y	No test report	Y, Did not contain	Under survey supplier	Not contain

Solder Ball	subcon supplier	MSDS	RoHS 6 test	Br, Cl test	PFOS+	Red Phosphorous/HDM/PVC/other FR list Maxim Oct 2008	Oct 1 2008 SVHC 16 list
96.5Sn/3.0Ag/0.5Cu	MKE	Y	Y	Y	Y, Did not contain	Under survey supplier	Not contain
62Sn/36Pb/2Ag Balls	PMTC	Y	Y	No test report	Y, Did not contain	Under survey supplier	Not contain
96.5Sn/3.0Ag/0.5Cu	PMTC	Y	Y	Y	Y, Did not contain	Under survey supplier	Not contain
SAC305 96.5Sn/3.0Ag/0.5Cu	Senju	Y	Y	Y	Y, Did not contain	Under survey supplier	Not contain