



## Material Composition Sheet

Product: GS1545-CQRE3  
 Package Type: DQFP-128 Pin (66/tray)  
 Manufacturer: Gennum Corporation

Date: 06-Dec-2006

Component	BOM	Weight of Component (mg)	Substance	Weight of Substance (mg)	Homogeneous Material	
					%	ppm
Chip		9.24	Al	0.06	0.64	6494
			Si	9.18	99.35	993506
			Sub-total:	9.24	99.99	1000000
Die Attach	CRM1076DS	3.81	Ag	2.89	75.85	758530
			Epoxy Resin	0.49	12.86	128609
			Epoxy Silane	0.05	1.31	13123
			Phenol Resin	0.11	2.88	28871
			t-Butylphenylglycidil ether	0.27	7.08	70866
			Sub-total:	3.81	99.98	999999
Lead Finish External		31.50	Sn	31.50	100.00	1000000
			Sub-total:	31.50	100.00	1000000
Lead Finish Internal		1.16	Ag	1.16	100.00	1000000
			Sub-total:	1.16	100.00	1000000
Leadframe	OLIN 7025	270.80	Cu	260.51	96.20	962001
			Mg	0.41	0.15	1514
			Ni	8.12	2.99	29985
			Si	1.76	0.64	6499
			Sub-total:	270.80	99.98	999999
Marking Ink	Teca 261	0.10		0.00	0.00	0
			Sub-total:	0.00	0.00	0
Mold Compound	EME G700	1421.81	Carbon Black	7.11	0.50	5001
			Epoxy Resin	113.74	7.99	79997
			Phenol Resin	92.42	6.50	65002
			SiO2	1208.54	85.00	850001
			Sub-total:	1421.81	99.99	1000001
Wires	MGM7	2.40	Au	2.40	100.00	1000000
			Sub-total:	2.40	100.00	1000000
<b>Total:</b>		<b>1740.82</b>				

### GENNUM CORPORATION

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