

# Material Set Summary

	ASE Chung Li (AET)	CARSEM Malaysia (CRM)
<i>D/A</i>	Hitachi EN 4900GC conductive	Ablestik 84-1 LMISR4 conductive
	Ablestik 2025D non-conductive	Ablestik 84-3J non-conductive
<i>Wire</i>	Au / 1.0 mil	Au / 1.0 mil
	Au / 1.3 mil	Au / 1.3 mil
<i>EMC</i>	Sumitomo G700LY	Sumitomo 6600H

**Alternate Assembly Site for  
Select Isolator Products in SO Packages**

**Qualification Results Summary for  
Isolators in SOIC\_N at CRM**

<b>TEST</b>	<b>SPECIFICATION</b>	<b>SAMPLE SIZE</b>	<b>RESULTS</b>
Temperature Cycle (TC)*	JEDEC <i>JESD22-A104</i>	3 x 77	PASS
Solder Heat Resistance (SHR)*	JEDEC/IPC <i>J-STD-020</i>	3 x 11	PASS
Highly Accelerated Stress Test (HAST)*	JEDEC <i>JESD22-A110</i>	3 x 77	PASS
High Temperature Storage (HTS)	JEDEC <i>JESD22-A103</i>	1 x 77	PASS
Autoclave (AC)*	JEDEC <i>JESD22-A102</i>	3 x 77	PASS

\* Preconditioned per JEDEC/IPC J-STD-020.

**Alternate Assembly Site for  
Select Isolator Products in SO Packages**

**Qualification Results Summary for  
Isolators in SOIC\_N at CRM**

<b>TEST</b>	<b>SPECIFICATION</b>	<b>SAMPLE SIZE</b>	<b>RESULTS</b>
Temperature Cycle (TC)*	JEDEC <i>JESD22-A104</i>	9 x 77	PASS
Solder Heat Resistance (SHR)*	JEDEC/IPC <i>J-STD-020</i>	9 x 11	PASS
Highly Accelerated Stress Test (HAST)*	JEDEC <i>JESD22-A110</i>	9 x 77	PASS
High Temperature Storage (HTS)	JEDEC <i>JESD22-A103</i>	3 x 77	PASS
Autoclave (AC)*	JEDEC <i>JESD22-A102</i>	9 x 77	PASS

\* Preconditioned per JEDEC/IPC J-STD-020.

**Alternate Assembly Site for  
Select Isolator Products in SO Packages**

**Qualification Results Summary for  
Isolators in SOIC\_W at CRM**

<b>TEST</b>	<b>SPECIFICATION</b>	<b>SAMPLE SIZE</b>	<b>RESULTS</b>
Temperature Cycle (TC)*	JEDEC <i>JESD22-A104</i>	9 x 77	PASS
Solder Heat Resistance (SHR)*	JEDEC/IPC <i>J-STD-020</i>	9 x 11	PASS
Highly Accelerated Stress Test (HAST)*	JEDEC <i>JESD22-A110</i>	9 x 77	PASS
High Temperature Storage (HTS)	JEDEC <i>JESD22-A103</i>	3 x 77	PASS
Autoclave (AC)*	JEDEC <i>JESD22-A102</i>	6 x 77	PASS
Unbiased Highly Accelerated Stress Test (UHST)*	JEDEC <i>JESD22-A118</i>	3 x 77	PASS

\* Preconditioned per JEDEC/IPC J-STD-020.

**Alternate Assembly Site for  
Select Isolator Products in SO Packages**

**Qualification Results Summary for  
Isolators in SOIC\_W at CRM**

<b>TEST</b>	<b>SPECIFICATION</b>	<b>SAMPLE SIZE</b>	<b>RESULTS</b>
Temperature Cycle (TC)*	JEDEC <i>JESD22-A104</i>	3 x 77	PASS
Solder Heat Resistance (SHR)*	JEDEC/IPC <i>J-STD-020</i>	3 x 11	PASS
High Temperature Storage (HTS)	JEDEC <i>JESD22-A103</i>	1 x 77	PASS
Autoclave (AC)*	JEDEC <i>JESD22-A102</i>	3 x 77	PASS

\* Preconditioned per JEDEC/IPC J-STD-020.