

Main Family	Type	Manufac.	Laminate	Tg(°C) [DSC]	Lead Free assy	Td(°C) 5%	DK at 1GHz (gen)	Df	UL Rating	IPC-4101B/...
FR4	Laminate & Pre-preg	Isola	DE104i	140	Y	330	4.2*	0.022	V0	21 / 121
	Laminate & Pre-preg	Isola	ECU104KF	135	N		4.75	0.020	V0	21
	Laminate & Pre-preg	Isola	IS410	180	Y	350	3.9	0.023	V0	21 / 24 / 26 / 28 / 121 / 124 / 129
	Laminate & Pre-preg	Isola	DE156	160	Y	400	4.3	0.019	V0	94
	Pre-Preg	Isola		170	N		4.3	0.025	V0	24 / 26
	Laminate & Pre-preg	Isola	PCL370HR	180	Y	340	4.17	0.016	V0	21 / 24 / 26 / 98 / 99 / 101 / 126
	Laminate & Pre-preg	Nelco	N4105-2	140	N	300	4.1	0.023	V0	21
	Pre-preg	Nelco		140	N	300	4.1	0.023	V0	21
	Laminate & Pre-preg	Nelco	N4105-6	175	N	325	4.1	0.023	V0	24 / 26 / 28
	Laminate & Pre-preg	Nelco	N4105-7	155	Y	330	4.0	0.017	V0	24 / 98
	Laminate & Pre-preg	Nelco	N4105-7SI**	155	Y	330	3.6	0.015	V0	24 / 98
	Laminate & Pre-preg	Nelco	N4105-7EF**	165	Y	425	4.0	0.016	V0	94
	Pre-preg	Nelco		155	Y	330	4.0	0.017	V0	24 / 98
	Laminate & Pre-preg	Nelco	N4105-11	170	Y	345	4.1	0.020	V0	26 / 28 / 83 / 98
	Laminate & Pre-preg	Nelco	N4103-13**	210	Y	350	3.7	0.009	V0	29
	Laminate & Pre-preg	Nelco	N4103-13SI**	210	Y	350	3.4	0.008	V0	29
	Laminate & Pre-preg	Nelco	N4103-13EP**	210	Y	350	3.7	0.009	V0	29
	Laminate & Pre-preg	Nelco	N4105-29**	185	Y	350	4.3	0.015	V0	26 / 28 / 83 / 98 / 99 / 126
	Laminate & Pre-preg	Matsushita	R-1566W	152	Y	330	4.7	0.011	V0	92
	Laminate & Pre-preg	Ventec	VT-47	170	Y	345	4.15	0.018	V0	26 / 97 / 98 / 99 / 101 / 126
Pre-preg	Ventec		170	Y	345	4.15	0.018	V0	26 / 97 / 98 / 99 / 101 / 126	
Laminate & Pre-preg	Ventec	VT-481	150	Y	345	4.3	0.015	V0	99 / 97 / 98 / 101	
Laminate & Pre-preg	Ventec	VT-48	150	Y	345	4.45	0.017	V0	97 / 98 / 99 / 101	
Polyimide	Pre-preg	Arlon		170	Y	368	4.1	0.020	V0	124
	Laminate & Pre-preg	Arlon	33N	250	Y	390	4	0.010	V0	40/41
	Laminate & Pre-preg	Arlon	35N	250	Y	407	3.4	0.010	V1	40/41
	Laminate & Pre-preg	Arlon	85N	250	Y	407	4.2*	0.010	HB	40 / 41
	Laminate & Pre-preg	Arlon	84N	250	N	407	4.2*	0.010	HB	40 / 41
	Pre-preg	Arlon	37N	200	Y	340	4.25*	0.018	V0	42
	Laminate & Pre-preg	Nelco	N7205-2	250	Y	376	3.8	0.015	N/A	40 / 41 / 42
	Laminate & Pre-preg	Nelco	N7205-2V0	250	Y	390	3.8	0.010	V0	40 / 41 / 42
	Laminate & Pre-preg	Isola	P96	260	Y	416	3.8	0.017	V0	40 / 41 / 42
Laminate & Pre-preg	Ventec	VT-901	250	Y	390	4.2	0.016	V0	40 / 41 / 42	
Flex (PI)	C/Clad Adhesives	DuPont	AP-...	195	**	**	3.4		V0	IPC-4204/11
	C/Clad Acr. Adhesive	DuPont	AP-Plus	60?	**	**	3.6		N/A	IPC-4204/1
	Coverlay Acr. Adhesive	DuPont	APR (CCRL)	60	**	**	3.5	0.02	VTM-94V0	IPC-4203/1
	Coverlay Acr. Adhesive	DuPont	LF	60	**	**	3.6		N/A	IPC-4203/1
	Coverlay Acr. Adhesive	DuPont	FR	130	**	**	3.5		V0	IPC-4203
	Bond Ply Acr. Adhesive	DuPont	FR	40	**	**	3.5	0.02	V0	IPC-4203/1
Bond Ply Acr. Adhesive	DuPont	LF	60	**	**	3.6		N/A	IPC-4203/1	
PTFE (Microwave)	6000 series	Rogers	RT Duroid	2.94	Y	500	2.9	0.015	V0	IPC-4103/10
	3000 series	Rogers	3003	280	Y	500	2.9	0.013	N/A	IPC-4103/10
	5880	Rogers	5880	280	Y	500	2.2	0.004	VTM-94V0	IPC-4103/10
	5870	Rogers	5870	280	Y	500	2.3	0.005	N/A	IPC-4103/10
	2929	Rogers	2929	170	Y	400	2.9	0.003	V0	IPC-4103/10
	Genclaud 280	Rogers	Genclad 280	350	Y	420	***	0.002	V0	IPC-4103/10
Multi-clad HF	Rogers	Halogen Free	150	Y	432	3.8	0.005	N/A	IPC-4103/10	
PTFE	Laminate	Rogers	RO4003C	280	Y	425	3.55	0.002	N/A	IPC-4103/10
	Pre-preg	Rogers		280	Y	390	3.17	0.004	N/A	IPC-4103/10?
	Laminate	Rogers	RO4350B	280	Y	390	3.66	0.003	V0	IPC-4103/11
	Pre-preg	Rogers		280	Y	390	3.54	0.004	V0	IPC-4103/11?
BT Epoxy Thermount Buried Resistor	Laminate & Pre-preg	Isola	G200	180	N	325	3.7	0.013	V0	IPC-4101/30
	Epoxy Lam & Pre-preg	Arlon	55NT	170	N	393	3.85	0.015	94	55
	Polyimide Lam & P/P	Arlon	85NT	240	N	393	3.6	0.014	94	53
	Laminate	Ohmega	Thin Film for Embedded Resistor foil	***	***	***	***	***	***	***
	Foil	Ohmega	Thin Film for Embedded Resistor foil	***	***	***	***	***	***	***
	Ticer Technology	Ticer	Thin Film for Embedded Resistor foil	***	***	***	***	***	***	***
IMS	VT-4A1	Ventec	VT-4A1 / VT-4A1 PP: Thermal conductivity	170	Y	380	***	***	V0	***
	VT-4A2	Ventec	VT-4A2 / VT-4A2 PP: Thermal conductivity	130	Y	380	***	***	V0	***