



EMBEDDED LOGIC SOLUTIONS PTY LTD

Suite 2, Level 3 144 Marsden St
PO Box 1078
Parramatta NSW 2124
www.emlogic.com.au

ABN 44 109 776 098
Tel: +61 2 9687 1880
Fax: +61 2 9687 1881
sales@emlogic.com.au

LPKF Tools & Accessories Price List - Australia & New Zealand

Expendable Material

	<u>Part No.</u>	<u>Price ex. GST</u>	<u>Price incl. GST</u>
Drill Underlay Material (per pack of 10)			
Drill Underlay Material, DIN4: 210 mm x 297 mm	106388	\$50.00	\$55.00
Drill Underlay Material, DIN3: 420 mm x 297 mm	106389	\$100.00	\$110.00
Drill underlay material, 229 mm x 305 mm (9"x12"), d = 2 mm (predrilled)	115966	\$80.00	\$88.00
Base Plate FR4 (per pack of 10) with glass fibre			
Base Plate FR4, A4, 2 sides 18 µm	106394	\$140.00	\$154.00
Base Plate FR4, A3, 2 sides 18 µm	106398	\$330.00	\$363.00
Base Plate FR4, A4, 2 sides 35 µm	106397	\$140.00	\$154.00
Base Plate FR4, A3, 2 sides 35 µm	106401	\$330.00	\$363.00
Base Plate FR4 (per pack of 10) with glass fibre			
Base Plate FR4, A4, 1 sides 35 µm	106396	\$140.00	\$154.00
Base Plate FR4, A3, 1 sides 35 µm	106400	\$330.00	\$363.00
Base Plate FR4 (per pack of 10) with glass fibre, includes peel off protective foil. Recommended for electroplating with the contac systems.			
Base Plate FR4, A4, 2 sides 5 µm	112060	\$250.00	\$275.00
Base Plate FR4, A3, 2 sides 5 µm	112059	\$470.00	\$517.00

Predrilled with 3 mm registration holes:

Base plate FR4, 229 mm x 305 mm (9"x12"), 5/5 µm with protective Cu-foil	115971	\$290.00	\$319.00
Base plate FR4, 229 mm x 305 mm (9"x12"), 0/18 µm	115968	\$180.00	\$198.00
Base plate FR4, 229 mm x 305 mm (9"x12"), 18/18 µm	115967	\$180.00	\$198.00
Base plate FR4, 229 mm x 305 mm (9"x12"), 0/35 µm	115969	\$180.00	\$198.00
Base plate FR4, 229 mm x 305 mm (9"x12"), 35/35 µm	115970	\$180.00	\$198.00

Stencil cutting Polyimid Foil (pack of 10 pieces each)

Polyimid Foil A4 format for Stencils	108321	\$280.00	\$308.00
Polyimid Foil A3 format for Stencils	108322	\$460.00	\$506.00

Through Hole Plating Systems & Consumables

EasyContac Kit c/w four sizes of Rivets (1000 of each)	110914	\$500.00	\$550.00
Through Plating Rivets 0.6mm (1000 pieces)	110907	\$90.00	\$99.00
Through Plating Rivets 0.8mm (1000 pieces)	110758	\$90.00	\$99.00
Through Plating Rivets 1.0 mm (1000 pieces)	110906	\$90.00	\$99.00
Through Plating Rivets 1.2 mm (1000 pieces)	110759	\$90.00	\$99.00
Punching tool for EasyContac (incl tool tip A)	110760	\$70.00	\$77.00
Tool tip A for EasyContac for punching 0.6 and 0.8 mm rivets	110971	\$30.00	\$33.00
Tool tip B for EasyContac for punching 1.0 and 1.2 mm rivets	110911	\$30.00	\$33.00
Anvil Stable support for punching	110821	\$20.00	\$22.00
Assembling Tweezers	110757	\$20.00	\$22.00
ProConduct paste RS 20 x 2.5 g	116110	\$270.00	\$297.00
ProConduct foil consumable set including:	116159	\$150.00	\$165.00
20 x Protection film foil, 10 x Filter fleece, 10 x Film resist			
Honeycomb materials for desktop table ProConduct, pack of 4 pieces	116148	\$100.00	\$110.00
Cleaner for ProConduct to remove the oxide layer	115891	\$10.00	\$11.00

Accessories and Consumables for EasySolder & ProMask

Solder mask foil 75 µm, 200 mm x 300 mm (10 pieces)	107818	\$200.00	\$220.00
Pressing cardboard cushion DIN A4 (pack at 10 pieces)	108187	\$50.00	\$55.00
Pressing metal sheet MiniPress (210 mm x 160 mm x 0.45 mm)	107704	\$60.00	\$66.00
Pressure-compensating foil rubber (210 mm x 297 mm)	106084	\$50.00	\$55.00
LPKF ProMask consumable set consisting of:	117108	\$200.00	\$220.00
10 x Solder resist, 10 x Developer, 10 x laser printed foil, 10 x Conditioner			
LPKF ProLegend consumable set consisting of:	117564	\$200.00	\$220.00
20 x Resist, 10 x Developer, 20 x Laser printed foil, 10 x Conditioner, 20 x Cribbing, 10 x Foam roller			
Cleaner for ProMask to remove the oxide layer	115891	\$10.00	\$11.00

Materials for MultiPress II & S

Thin Laminate 104 ML 5/0 µm 340 x 220 x 0.2 mm with protection foil (pack of 10)	115159	\$220.00	\$242.00
Thin Laminate 104 ML 5/0 µm, 305 x 229 x 0.2 mm with protection foil (pack of 10)	119571	\$350.00	\$385.00
x 0.2 mm without protection foil			
for ProConduct Multilayer Sets (pack of 10)	119818	\$350.00	\$385.00
Base material 104 ML 18/18 µm 340 (k) mm x 220 mm x 0,46 mm (pack of 10)	115158	\$210.00	\$231.00
Base plate 104 ML 18/18 µm, 305 x 229 x 0.36 mm (9"x12") (pack of 10)	119575	\$280.00	\$308.00
Base material FR4 18/18 µm 340 (k) x 220 mm x 1 mm (pack of 10)	115156	\$210.00	\$231.00
Base plate FR4 18/18 µm, 305 (k) x 229 mm x 1 mm (9"x12") (pack of 10)	119574	\$270.00	\$297.00
Prepreg Typ 2125, 310 mm (k) x 190 mm x 0.1 mm, pack of 2 pieces	115160	\$15.00	\$16.50
Prepreg Typ 2125, 275 mm (k) x 200 mm x 0.1 mm, pack of 2 pieces	119572	\$15.00	\$16.50
Pressing Cardboard Cushion 340 mm x 220 mm (pack of 10)	115154	\$30.00	\$33.00
Pressing Cardboard Cushion 305 mm x 229 mm (9"x12") (pack of 10)	119573	\$30.00	\$33.00
Drilling underlay material 340 mm x 220 mm x 2 mm (pack of 10)	115155	\$60.00	\$66.00
Pressing Metal Sheet 360 mm x 420 mm x 0,4 mm, with holes for alignment pins	111494	\$140.00	\$154.00
Pressing Metal Sheet 305 mm x 229 mm x 0,4 mm (9"x12")	119577	\$180.00	\$198.00
with registration pin holes, hardness 50 HRC, minimum order 2 pieces	120999	\$110.00	\$121.00
with registration pin holes, hardness 50 HRC, minimum order 2 pieces	120345	\$160.00	\$176.00

Pack of 100 Distance Rings for 1/8 inch tools for plotters with automatic tool change	108016	\$40.00	\$44.00
---	--------	---------	---------

Tools (per pack of 10)

Conical Tool for Isolation Tracks of 0.2 to 0.5mm on 35µm Cu

Universal Cutter 1/8", 36 mm, 0.2 - 0.5 mm	101010	\$220.00	\$242.00
Universal Cutter 1/8", 36 mm, 0.2 - 0.5 mm with distance ring orange	115835	\$220.00	\$242.00

Conical Tool for Isolation Tracks 0.1 to 0.15 mm on 17 µm Cu

Micro Cutter Fine-line Milling Tool 1/8", 36 mm, 0.1 - 0.15 mm	100890	\$370.00	\$407.00
Micro Cutter 1/8", 36 mm, 0.1 - 0.15 mm with distance ring orange	115836	\$370.00	\$407.00

Cylindrical Tools for Isolation in RF Applications & for Film Engraving

End Mill (RF) 1/8", 36 mm, d = 0.15 mm	107244	\$830.00	\$913.00
End Mill (RF) 1/8", 36 mm, d = 0.15 mm with distance ring blue	115832	\$830.00	\$913.00
End Mill (RF) 1/8", 36 mm, d = 0.25 mm	100888	\$370.00	\$407.00
End Mill (RF) 1/8", 36 mm, d = 0.25 mm with distance ring blue	115833	\$370.00	\$407.00
End Mill (RF) 1/8", 36 mm, d = 0.40 mm	100862	\$370.00	\$407.00
End Mill (RF) 1/8", 36 mm, d = 0.40 mm with distance ring blue	115834	\$370.00	\$407.00

Cylindrical Tools for PCB Contour Routing

Contour Router 1/8", 38 mm, d = 1.00 mm	100879	\$260.00	\$286.00
Contour Router 1/8", 38 mm, d = 1.00 mm with distance ring yellow	115844	\$260.00	\$286.00
Contour Router 1/8", 38 mm, d = 2.00 mm	100881	\$260.00	\$286.00
Contour Router 1/8", 38 mm, d = 2.00 mm with distance ring yellow	115845	\$260.00	\$286.00

Cylindrical Tools for Engraving of Aluminium & Wider Isolation Tracks

End Mill 1/8", 36 mm, d = 0.80 mm	101012	\$330.00	\$363.00
End Mill 1/8", 36 mm, d = 0.80 mm with distance ring violet	115839	\$330.00	\$363.00
End Mill 1/8", 36 mm, d = 1.00 mm	101014	\$330.00	\$363.00
End Mill 1/8", 36 mm, d = 1.00 mm with distance ring violet	115840	\$330.00	\$363.00
End Mill 1/8", 36 mm, d = 2.00 mm	101016	\$330.00	\$363.00
End Mill 1/8", 36 mm, d = 2.00 mm with distance ring violet	115841	\$330.00	\$363.00
End Mill 1/8", 36 mm, d = 3.00 mm	101018	\$330.00	\$363.00
End Mill 1/8", 36 mm, d = 3.00 mm with distance ring violet	115842	\$330.00	\$363.00

Cylindrical Tools for Milling of Aluminium, Only for High Speed Motors and Contour Routing RF and Microwave Material

End Mill 1/8", 38 mm, d = 1.00 mm	101015	\$330.00	\$363.00
End Mill 1/8", 38 mm, d = 1.00 mm with distance ring light-green	115837	\$330.00	\$363.00
End Mill 1/8", 38 mm, d = 2.00 mm	101017	\$330.00	\$363.00
End Mill 1/8", 38 mm, d = 2.00 mm with distance ring light-green	115838	\$330.00	\$363.00

LPKF Tools & Accessories Price List Q3-10.xls

Cylindrical Tools for Drilling of Printed Circuit Boards

Spiral Drill 1/8", 38 mm, d = 0.20 mm	108911	\$70.00	\$77.00
Spiral Drill 1/8", 38 mm, d = 0.20 mm with distance ring green	115846	\$70.00	\$77.00
Spiral Drill 1/8", 38 mm, d = 0.30 mm	100977	\$70.00	\$77.00
Spiral Drill 1/8", 38 mm, d = 0.30 mm with distance ring green	115847	\$70.00	\$77.00
Spiral Drill 1/8", 38 mm, d = 0.40 mm	100978	\$70.00	\$77.00
Spiral Drill 1/8", 38 mm, d = 0.40 mm with distance ring green	115848	\$70.00	\$77.00
Spiral Drill 1/8", 38 mm, d = 0.50 mm	100979	\$70.00	\$77.00
Spiral Drill 1/8", 38 mm, d = 0.50 mm with distance ring green	115849	\$70.00	\$77.00
Spiral Drill 1/8", 38 mm, d = 0.60 mm	100980	\$70.00	\$77.00
Spiral Drill 1/8", 38 mm, d = 0.60 mm with distance ring green	115850	\$70.00	\$77.00
Spiral Drill 1/8", 38 mm, d = 0.70 mm	100981	\$70.00	\$77.00
Spiral Drill 1/8", 38 mm, d = 0.70 mm with distance ring green	115851	\$70.00	\$77.00
Spiral Drill 1/8", 38 mm, d = 0.80 mm	100982	\$70.00	\$77.00
Spiral Drill 1/8", 38 mm, d = 0.80 mm with distance ring green	115852	\$70.00	\$77.00
Spiral Drill 1/8", 38 mm, d = 0.90 mm	100984	\$70.00	\$77.00
Spiral Drill 1/8", 38 mm, d = 0.90 mm with distance ring green	115854	\$70.00	\$77.00
Spiral Drill 1/8", 38 mm, d = 1.00 mm	100985	\$70.00	\$77.00
Spiral Drill 1/8", 38 mm, d = 1.00 mm with distance ring green	115855	\$70.00	\$77.00
Spiral Drill 1/8", 38 mm, d = 1.10 mm	100986	\$70.00	\$77.00
Spiral Drill 1/8", 38 mm, d = 1.10 mm with distance ring green	115856	\$70.00	\$77.00
Spiral Drill 1/8", 38 mm, d = 1.20 mm	100987	\$70.00	\$77.00
Spiral Drill 1/8", 38 mm, d = 1.20 mm with distance ring green	115857	\$70.00	\$77.00
Spiral Drill 1/8", 38 mm, d = 1.30 mm	100989	\$70.00	\$77.00
Spiral Drill 1/8", 38 mm, d = 1.30 mm with distance ring green	115858	\$70.00	\$77.00
Spiral Drill 1/8", 38 mm, d = 1.40 mm	100990	\$70.00	\$77.00
Spiral Drill 1/8", 38 mm, d = 1.40 mm with distance ring green	115859	\$70.00	\$77.00
Spiral Drill 1/8", 38 mm, d = 1.50 mm	100991	\$70.00	\$77.00
Spiral Drill 1/8", 38 mm, d = 1.50 mm with distance ring green	115860	\$70.00	\$77.00
Spiral Drill 1/8", 38 mm, d = 1.60 mm	100992	\$70.00	\$77.00
Spiral Drill 1/8", 38 mm, d = 1.60 mm with distance ring green	115861	\$70.00	\$77.00
Spiral Drill 1/8", 38 mm, d = 1.70 mm	100993	\$70.00	\$77.00
Spiral Drill 1/8", 38 mm, d = 1.70 mm with distance ring green	115862	\$70.00	\$77.00
Spiral Drill 1/8", 38 mm, d = 1.80 mm	100994	\$70.00	\$77.00
Spiral Drill 1/8", 38 mm, d = 1.80 mm with distance ring green	115863	\$70.00	\$77.00
Spiral Drill 1/8", 38 mm, d = 1.90 mm	100995	\$70.00	\$77.00
Spiral Drill 1/8", 38 mm, d = 1.90 mm with distance ring green	115864	\$70.00	\$77.00
Spiral Drill 1/8", 38 mm, d = 2.00 mm	100996	\$70.00	\$77.00
Spiral Drill 1/8", 38 mm, d = 2.00 mm with distance ring green	115865	\$70.00	\$77.00
Spiral Drill 1/8", 38 mm, d = 2.10 mm	100997	\$70.00	\$77.00
Spiral Drill 1/8", 38 mm, d = 2.10 mm with distance ring green	115866	\$70.00	\$77.00
Spiral Drill 1/8", 38 mm, d = 2.20 mm	100998	\$70.00	\$77.00
Spiral Drill 1/8", 38 mm, d = 2.20 mm with distance ring green	115867	\$70.00	\$77.00
Spiral Drill 1/8", 38 mm, d = 2.30 mm	100999	\$70.00	\$77.00
Spiral Drill 1/8", 38 mm, d = 2.30 mm with distance ring green	115868	\$70.00	\$77.00
Spiral Drill 1/8", 38 mm, d = 2.40 mm	101000	\$70.00	\$77.00
Spiral Drill 1/8", 38 mm, d = 2.40 mm with distance ring green	115869	\$70.00	\$77.00
Spiral Drill 1/8", 38 mm, d = 2.95 mm	101006	\$70.00	\$77.00
Spiral Drill 1/8", 38 mm, d = 2.95 mm with distance ring green	115870	\$70.00	\$77.00
Spiral Drill 1/8", 38 mm, d = 3.00 mm	101007	\$70.00	\$77.00
Spiral Drill 1/8", 38 mm, d = 3.00 mm with distance ring green	115871	\$70.00	\$77.00

Spiral Drill Kit: Choose 10 spiral drills of any size with rings	SPKIT-R	\$70.00	\$77.00
Spiral Drill Kit: Choose 10 spiral drills of any size without rings	SPKIT	\$70.00	\$77.00

Dust Extraction

Dust bags for GD 1005 (pack 5)	109028	\$40.00	\$44.00
Vacuum dust bags, double-layer for GM80, pack of 5 pieces	103393	\$40.00	\$44.00
Vacuum Cleaner bags for ProtoMat S-Series (pack of 5)	115952	\$170.00	\$187.00
Spare Filter for Dust Extraction system for GD 1005	109040	\$260.00	\$286.00
Cartridge for Spare filter GM 80	102325	\$240.00	\$264.00
HEPA filter for vacuum cleaner S-Series	115953	\$140.00	\$154.00
Carbon brush for vacuum cleaner S-Series, pack of 2 pieces	115961	\$30.00	\$33.00

Machine Accessories

Slide 100 mm (red)	100039	\$5.00	\$5.50
Registration pins for all ProtoMat, Pack of 10 p	108221	\$6.00	\$6.60
Maintenance set for LPKF ProtoMats 91s, 92s, 93s, C20 - C100/HF, M30 and M60	113656	\$50.00	\$55.00
Special plastic grease ISOFLEX TOPAS 5051 (30 g)	102244	\$20.00	\$22.00
Sinter backing plate for vacuum table for ProtoMat S-Series white, pack of 4 pieces	116099	\$150.00	\$165.00
Foot for working depth limiter	115513	\$20.00	\$22.00

LPKF Tools & Accessories Price List Q3-10.xls

Notes:

- * Prices are FOB, Sydney in Australian Dollars
- * Quoted Prices do not include delivery charges, which will be added at cost, at time of invoice
- * Some items may be out of stock, please call first for availability.
- * Price List is subject to Embedded Logic Solutions Standard "Terms and Conditions of Sale" which can be viewed at www.emlogic.com.au/pdfs/Terms&Conditions.pdf