



s.m.a.r.t

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Preparing
your future

October 2017



Production Capabilities

Layer Count	<ul style="list-style-type: none">• 1 – 6 Layers
Max Production Panel	<ul style="list-style-type: none">• 520 mm x 622 mm / 20.5 in x 24.5 in
Laminate	<ul style="list-style-type: none">• CEM-3<ul style="list-style-type: none">• CTI ≥ 600 (for DS)• CTI ≤ 350 (for ML)• Halogen Free• FR-4<ul style="list-style-type: none">• Maximum Tg 170• Anti CAF• Halogen Free
Finished Board Thickness	<ul style="list-style-type: none">• 0.4 – 2.4 mm / 0.016 in – 0.094 in
Base Copper Thickness	<ul style="list-style-type: none">• 18 μm – 105 μm / H oz – 3 oz
Min. Finished Hole Size	<ul style="list-style-type: none">• 0.3 mm / 0.012 in (mechanical drilling)
Min. Line Width / Spacing	<ul style="list-style-type: none">• 0.1 mm / 0.1 mm / 4 mil / 4 mil (sample only)• 0.15 mm / 0.15 mm / 6 mil / 6 mil (normal)
Profiling	<ul style="list-style-type: none">• Routing / Depth Routing• V-scoring / Jump V-scoring
LPI Solder Mask Color	<ul style="list-style-type: none">• Green (glossy / semi-matte matte)• Blue• Black• White• Red
Surface Finish	<ul style="list-style-type: none">• HAL (lead-free)• Immersion Nickel Gold• Galvanic Nickel Gold• Immersion Tin• Immersion Silver• OSP / Entek• Carbon Print• Peelable Mask



Fast & Flexible Production

Managed by
s.m.a.r.t. Team

Standard Service

- **PCB Layers:** 1- 6
- **Lot size:** < 20 m²
- **Lead time:** 4 weeks (DAP)

Scope: Fast production with high flexibility
(premium charge)

- **PCB Layers:** 1- 6
- **Lot size:** 0.5 – 5m²
- **Lead time:** 7 working days, (FCA HK)
(first order after EQ)

- **Lot size:** >5m² – 10m²
- **Lead time:** 9 working days (FCA HK)
(first order after EQ)

Scope: Small to medium size orders production with
high flexibility (premium charge)

- **PCB Layers:** 1- 6
- **Lot size:** 10m² – 20m²
- **Lead time:** 11 - 15 working days (FCA HK)



pcbs from just around the corner