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UNIVERSITI TEKNIKAL MALAYSIA MELAKA

Malaysia Technology Expo 2014

Invention & Innovation
Awards 2014



Malaysia
International
Trade Centre

Asia Youth Innovation
Awards & Expo 2014

UPC

OFFICIAL MALAYSIA

ASIA YOUTH INNOVATION AWARDS & EXPO 2014

Y.B. Dato

Deputy Minister

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Support

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Malaysia Technology Expo 2014

Innovation



Malaysia
International Design
Expo & Awards 2014



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With Innovation
Expo 2014

L2C Leap to
Commercialization

PUTRA WORLD TRADE CENTRE

UNIVERSITI TEKNIKAL MALAYSIA MELAKA

Y.B. Datuk

Deputy Minister of



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Novelty Greenness

1. Small Circuit Size
2. Using innovative design configuration for technique in SPOT switch design
3. Low Cost of Circuit Design
4. Switchable technology with low performance device
5. Higher efficiency (0.98, 0.93, 0.94, 0.95) and low voltage of Pn-Ndiode
6. Low Current Consumption (Average Efficiency)
7. Total current consumption of all the integrated with conventional design (0.25 mA)

Commercialization Potential

- This SPOT switch provides switching element for the Division Duplex (DD) that is used for 4G communication systems (e.g. WIMAX and LTE) in devices such as:
1. Smart Phone
 2. Tablet computer
 3. Ultra-mobile PC
 4. Smartbook
 5. Base Station
 6. Cellular Phone Tower



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Technology Expo 2014



INVENTION INNOVATION & DESIGN



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DESIGN

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