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Product Specifications of Renesas Electronics' New PS9402 Photocoupler

1. UVLO (under voltage lockout) protection with hysteresis
2. Desaturation detection
3. Miller clamping
4. Large peak output current (2.5 A max., 2.0 A min.)
5. High speed switching (tPLH, tPHL = 200 ns max.)
6. Low power consumption ICCH, ICCL = 3 mA max,
7. Low operating LED current IFLH = 5 mA max
8. High temperature operation
9. Long creepage distance (8-mm min)
10. Safety standards
 - UL: Awaiting approval
 - CSA: Awaiting approval
 - DIN EN60747-5-2 (VDE0884 Part 2): Awaiting approval
11. High common mode transient immunity (CMH, CML = ± 25 kV/ μ s min.)
12. Ordering number of tape product: PS9402-E3: 850 pcs/reel