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Optoelectronic Components

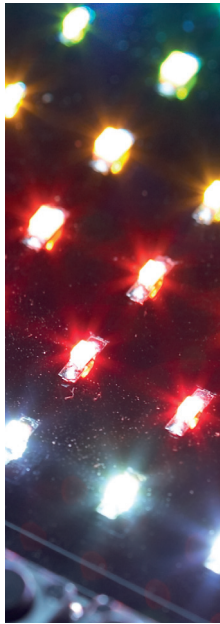
O-06 INT | KVA | Specifications subject to change without notice. Please note that there are limitations for Infineon product lines in some European countries.



Committed to excellence

Visible & Invisible

Supplier Strategy
& Franchise Situation



Consult | Components | Logistics | Support



Suppliers & Focus Visible LED

OSRAM Opto Semiconductors SAMSUNG Semiconductor Europe EVERLIGHT LITEON VISHAY LED S.A.T. ROHM LAPIS							
Franchise Situation	Pan-European	Pan-European	Pan-European	Europe w/o I, E & F	Pan-European	Pan-European	Pan-European
LEDs							
Radial LEDs			★				
Top LEDs	★						
Chip LEDs			★	★			
Solid State Lighting	●	★	★				
Lighting & Modules	●	★	★				
Secondary Optics	LEDIL	LEDIL	LEDIL				
7-Segm. Displays							
Standard			★	★			
SMD			★	★			

Suppliers Description	- Automotive certified (AECQ 101) - Regional marketing assistance - Excellent sample service - Own chip and phosphor production	- Valuable experience in signage, display back-light and general lighting - AECQ101 on several LED components	- Largest SMD package range worldwide - Customised products - Second source to Osram	- Good standard product portfolio - Customised 7 segment displays	- Wide range of IR products - Technical and commercial support - good delivery-time performance - AECQ101 certification	Good standard product portfolio	Chip LEDs to AECQ101 automotive standard
Applications	- Automotive - Industrial - General lighting	- General lighting - Backlighting	- Industrial - Communication	- Industrial - Communication - White Goods	- Industrial - Partially Automotive	- Industrial - White goods	Industrial and Automotive
Focus Products Rutronik	- Top LEDs - Power Top LEDs - Mid Power LEDs - Highbrightness LEDs	Mid Power LEDs	- Chipleads - THT Leads 7-Segment displays	- Through hole LEDs 7-Segment displays	IR	Chipleads	Pico LED
Key Benefits	- Application assistance - Europe-based technology competence	- Products of high brightness - high value and competitive prices - own chip production (blue chips)	- Technical & commercial support - Good deliverytime performance - European headquarter in Karlsruhe / Germany	IRDA from Avago	Comprehensive selection guide & application notes	- Vast chiplead and 7-segment display portfolio - Rutronik is the only distributor in Europe	Good standard product portfolio

● Design-In – Support available ★ Focus program Product available

Suppliers & Focus Infrared

VISHAY OSRAM Opto Semiconductors TOSHIBA LITEON EVERLIGHT ROHM LAPIS Honeywell RENESAS								
Franchise Situation	Pan-European	Pan-European	Pan-European	Europe w/o I, E & F	Pan-European	Pan-European	Pan-European	Pan-European
Couplers								
Standard	★		★	★	★			
Highspeed	●	★	★					
TRIAC	●		★	★	★			
Solid State Relays	●	★	★					
IGBT Drivers	●		★					
Infrared								
Emitters/ Receivers	★	★						
IRDA	●							
Fiber optic / photolink	●		★				★	
Laser								
Standard & High Power	●	★						

Suppliers Description	- Wide range of IR products - Technical & commercial support - Good delivery-time performance - Automotive certification available	- Automotive certified (AECQ 101) - Regional marketing assistance - Excellent sample service - Own chip production	- wide optocoupler portfolio - High market acceptance	- Supplementary supplier - Cost effective products	- Cost effective products - Largest SMD package range worldwide - Widest range of CTR selections	- High quality products - Expertise in consumer applications	High value special products	- Complete NEC optocoupler portfolio - High market acceptance
Applications	- Automotive - Industrial - Metering - Remote control - IR illumination (night vision & CCTV)	- Automotive (interior & exterior) - Biometrics - Machine vision - IR illumination (night vision & CCTV)	- Industrial - Heating - Metering - Telecommunication - Motor control - Renewable energy	- Intrusion detection - Smoke detection	- Power supply - Digital logic inputs - AC line monitoring - Microprocessor inputs - White goods - Dimmers - Thermostates	- Consumer - Office - Mobile - Industry - Communication	- Power electronic gate driver - Control & communication boards - Substation automation & protection relays - Battery Management System	- Industrial - Heating - Metering - Telecommunication - Motor control - Renewable energy
Focus Products Rutronik	- Standard coupler - Solid state relays - Emitters - Photodetectors - Receiver	- High power emitter - Photodetectors - High power laser - Blue & green laser	- High speed optocoupler - Solid state relays - IGBT driver	- Standard coupler - Photo triacs	- Standard coupler - Photo triacs	- Remote Control - Receiver - IRDA	- Specialized devices - photolink	- High speed optocoupler - Solid state relays - IGBT driver
Key Benefits	- Comprehensive selection guide & application notes - Orders can be postponed	- Applc. assistance - European based techn. competence - Single source products - Orders can be postponed	- Projekt protection for customers (SnD) - Wide range of Avago and Renesas Crosses available	- IRDA from Avago - Technical support	- Customized products - Technical & commercial support - Good delivery-time performance - Stock program for highrunner	- Customized products - Technical & commercial support	Unique product portfolio	- Only DC price - Wide range of Avago crosses available

● Design-In – Support available ★ Focus program Product available