

## FPQU8.E52744 Optical Isolators - Component

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### Optical Isolators – Component

**VISHAY INFRARED COMPONENTS INC**  
2201 LAURELWOOD RD  
SANTA CLARA, CA 95054 USA

E52744

**Optical isolated switch insulation System A**, provides 1500 Vac isolation.

**Optical isolated switch insulation System B**, provides 4200 Vac isolation.

**Optical isolated switch insulation System C**, provides 1500 Vac isolation.

**Optical isolated switch insulation System D**, provides 1500 Vac isolation.

**Optical isolated switch insulation System E**, provides 3748 Vac isolation.

**Optical isolated switch insulation System F**, provides 1980 Vac isolation.

**Optical isolated switch insulation System G**, provides 3536 Vac isolation.

**Optical isolated switch insulation , System T**, providing 3750 Vac isolation.

**Optical isolator** , System Y, providing 3535 Vdc isolation.

**Double protection optical isolated switches** , providing 4420 Vac isolation. Systems H and J.

**Optical isolator** , Cat. No. System I, provides 1473 Vac isolation.

**Optical isolator** , System "L", provides 1250 Vac isolation.

**Optical isolator**, insulation , System U provides 3125 Vac isolation.


**Optical isolator** , System V, provides 1473 Vac Isolation.

**Optical isolators**, System "S", provides 2500 Vac isolation.

**Optical Isolators**, Models LH1502, LH1512, LH1521, LH1523, LH1501, LH1511 may be followed by additional suffixes. Provides 3750 Vac isolation.

**Optical isolator** , System O, providing 2500 Vac isolation.



Marking: Company name or "E52744" or trademark  and system, model or catalog designation on the device itself or on the smallest shipping container. System designation may be preceded by an optional 4 digit date code.

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**System Code H or J**

|                      |                   |              |                 |                   |
|----------------------|-------------------|--------------|-----------------|-------------------|
| 4N25/4N26/4N27/4N28  | ILD621/ILD621GB   | LH1514AACTR  | LH1544AACTR     | SFH615ABL         |
| 4N32/4N33            | ILD66             | LH1514AB     | LH1544AB        | SFH615ABM         |
| 4N35/4N36/4N37       | ILD74             | LH1518AAB    | LH1546AAB       | SFH615AGB/SFH615A |
| 4N38                 | ILD755            | LH1518AABTR  | LH1546AABTR     | GR/SFH615AY       |
| 4N39                 | ILD766            | LH1518AT     | LH1546AD        | SFH617A           |
| 6N1135/6N1136        | ILQ1615           | LH1520AAC    | LH1546ADF       | SFH6186           |
| 6N135/6N136          | ILQ1/ILQ2/ILQ5    | LH1520AACTR  | LH1546AT        | SFH618A/SFH628A   |
| 6N137                | ILQ3              | LH1520AB     | LH1547AAB1      | SFH619A           |
| 6N138/6N139          | ILQ30/ILQ31/ILQ32 | LH1521BAC    | LH1547AAB1TR    | SFH6206           |
| CNY117/CNY117F       | ILQ55             | LH1521BACTR  | LH1549AAC       | SFH620A           |
| CNY17/CNY17F         | ILQ615            | LH1521BB     | LH1549AACTR     | SFH620AA          |
| H11A1/H11A2/H11A3    | ILQ620/ILQ620GB   | LH1522AAC    | LH1549AB        | SFH620AGB         |
| H11A4/H11A5          | ILQ621/ILQ621GB   | LH1522AACTR  | LH1550AAB1      | SFH6286           |
| H11AA1               | ILQ655            | LH1522AB     | LH1550AAB1TR    | SFH628A           |
| H11B1/H11B2/H11B3    | ILQ66             | LH1523BAC    | LH1550AT1       | SFH6325/SFH6326   |
| H11C4/H11C5/H11C6    | ILQ74             | LH1523BACTR  | LH1556AAC       | SFH6345           |
| H11D1/H11D2          | LH1262BAC         | LH1523BB     | LH1556AACTR     | SFH636            |
| H11D3/H11D4          | LH1262BACTR       | LH1525AAB    | LH1556AB        | SFH640            |
| IL1/IL2/IL5          | LH1262BB          | LH1525AABTR  | MCA230          | SFH655A           |
| IL250/IL251/IL252    | LH1262CAC         | LH1525AT     | MCA231          | SFH6700           |
| IL255                | LH1262CACTR       | LH1526AAC    | MCA255          | SFH6701           |
| IL3                  | LH1262CB          | LH1526AACTR  | MCT2            | SFH6702           |
| IL30/IL31            | LH1262DB          | LH1526AB     | MCT270-MCT275   | SFH6705           |
| IL300                | LH1500AAB         | LH1529AAC    | MCT276          | SFH6711           |
| IL400                | LH1500AABTR       | LH1529AACTR  | MCT277          | SFH6712           |
| IL410                | LH1500AT          | LH1529AB     | MCT2E           | SFH6719           |
| IL4108/IL4208        | LH1501BAB         | LH1529ACC    | MCT5210         | SFH6731           |
| IL4116/IL4117/IL4118 | LH1501BABTR       | LH1529BAC    | MCT5211         | SFH6732           |
| IL420                | LH1501BT          | LH1529BACTR  | MCT6            | SFH6741           |
| IL4216/IL4217/IL4218 | LH1502BAC         | LH1529BB     | MOC8021         | SFH6742           |
| IL440                | LH1502BACTR       | LH1529BCC    | MOC8050         | SFH6750           |
| IL55                 | LH1502BB          | LH1529BCCTR  | MOC8101         | SFH6751           |
| IL55B                | LH1503AAC         | LH1531AAC    | MOC8102         | SFH6752           |
| IL56B                | LH1503AACTR       | LH1531AACTR  | MOC8103         |                   |
| IL66                 | LH1503AB          | LH1531AB     | MOC8104         |                   |
| IL66B                | LH1505AAC         | LH1532AAC    | MOC8105         |                   |
| IL74                 | LH1505AACTR       | LH1532AACTR  | MOC8111         |                   |
| IL755                | LH1505AB          | LH1532AB     | MOC8112         |                   |
| IL755B               | LH1510AAB         | LH1533AAC    | SFH1617A        |                   |
| IL766                | LH1510AABTR       | LH1533AABTR  | SFH600          |                   |
| IL766B               | LH1510AT          | LH1533AB     | SFH601          |                   |
| ILCT6                | LH1511BAB         | LH1535AAB    | SFH608          |                   |
| ILD1615              | LH1511BABTR       | LH1535AABTR  | SFH6106         |                   |
| ILD1/ILD2/ILD5       | LH1511BT          | LH1535AT     | SFH610A         |                   |
| ILD250/ILD251/ILD252 | LH1512BAC         | LH1540AAB    | SFH612A         |                   |
| ILD3                 | LH1512BACTR       | LH1540AABTR  | SFH6135/SFH6136 |                   |
| ILD30/ILD31/ILD32    | LH1512BB          | LH1540AT     | SFH6138/SFH6139 |                   |
| ILD55                | LH1513AAC         | LH1541AAB1   | SFH614A         |                   |
| ILD610               | LH1513AACTR       | LH1541AAB1TR | SFH6156         |                   |
| ILD615               | LH1513AB          | LH1541AT1    | SFH615A/SFH617A |                   |
| ILD620/ILD620GB      | LH1514AAC         | LH1544AAC    | SFH615AA        |                   |



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**System I**

IL388/IL388DAA  
IL358/IL359

**System L**

LH1529FP/GP  
LH1529FPTR  
LH1532FP  
LH1532FPTR  
LH1556FP

**System O**

LH1546AEF  
LH1546AEFTR

**System S**

LH1525ACD  
LH1525ACDTR  
LH1540ACD  
LH1540ACDTR

**System U**

SFH1690A/SFH1690B/SFH1690AB/SFH1690C  
SFH690A/SFH690B/SFH690AB/SFH690C  
SFH6916  
SFH691A/SFH692A

**System V**

SFH6943

**System Y**

IL1205AT/IL1206AT/IL1207AT/IL1208AT  
IL205AT/IL206AT/IL207AT/IL208AT  
IL211AT/IL212AT/IL213AT  
IL215AT/IL216AT/IL217AT  
IL221AT/IL222AT/IL223AT  
IL256AT  
ILD1205T/ILD1206T/ILD1207T/ILD1211T/ILD1213T/ILD1217T  
ILD205/ILD206/ILD207  
ILD211/ILD213  
ILD217  
ILD223  
ILD255  
ILD256  
SFH6315/16/18/19  
SFH6343  
SFH6720/SFH6721