



紅外線發射二極體

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- GaAs infrared emitting diode, fabricated in a liquid phase epitaxy process
- High reliability
- High pulse handling capability
- Available in groups

- Applications**
- Photointerrupters
 - IR remote control of various equipment

SIEMENS

| Part No. | Product No. | 製造廠商 | 說明 | Package | Po (mW) | Vf@If(mA) | λP(nm) | △θ(deg) | If max. | Vr max. |
|----------|-------------|---------|----------|---------|---------|------------|--------|---------|---------|---------|
| 35091 | SFH409-2 | SIEMENS | 紅外線發射二極體 | 3mm(T1) | 165mW | 1.3V@100mA | 950nm | +20 | 100mA | 5V |



- Features**
- Fabricated in a liquid phase epitaxy process
 - High reliability

- Applications**
- IR remote control of hi-fi and TV-sets, video tape recorders, dimmers
 - Remote control for steady and varying intensity

SIEMENS

| Part No. | Product No. | 製造廠商 | 說明 | Po (mW) | Vf@If(mA) | λP(nm) | △θ(deg) | If max. | Vr max. |
|----------|-------------|---------|-------------------|---------|------------|--------|---------|---------|---------|
| 35096 | SFH485-2 | SIEMENS | 紅外線發射二極體 (880 nm) | 200mW | 1.5V@100mA | 880nm | +20 | 100mA | 5V |



- Features**
- Fabricated in a liquid phase epitaxy process
 - High reliability
 - Spectral match with silicon photodetectors

- Applications**
- IR remote control of hi-fi and TV-sets, video tape recorders, dimmers
 - Remote control for steady and varying intensity

SIEMENS

| Part No. | Product No. | 製造廠商 | 說明 | Po (mW) | Vf@If(mA) | λP(nm) | △θ(deg) | If max. | Vr max. |
|----------|-------------|---------|-----------------|---------|------------|--------|---------|---------|---------|
| 35100 | SFH486 | SIEMENS | 紅外線發射二極體(880nm) | 200mW | 1.5V@100mA | 880nm | +11 | 100mA | 5V |



- Features**
- Fabricated in a liquid phase epitaxy process
 - High reliability
 - High pulse handling capability
 - Good spectral match to silicon photodetectors

- Applications**
- IR remote control for hifi and TV sets, video tape recorder, dimmers
 - Light-reflection switches(max. 500kHz)

SIEMENS

| Part No. | Product No. | 製造廠商 | 說明 | Package | Po (mW) | Vf@If(mA) | λP(nm) | △θ(deg) | If max. | Vr max. | 重量 |
|----------|-------------|---------|-------------------|----------|---------|-----------|--------|---------|---------|---------|------|
| 35102 | SFH487-2 | SIEMENS | 紅外線發射二極體 (880 nm) | 3mm (T1) | 200mW | 1.5V | 880 nm | +20 | 100mA | 5 | 0.9g |



| Part No. | Product No. | 製造廠商 | 說明 | Package | Po (mW) | Vf@If(mA) | λP(nm) | △θ(deg) | If max. | Vr max. |
|----------|-------------|-----------|----------|-------------|---------|-----------|--------|---------|---------|---------|
| 10297 | SY-IR10 | SHIAN YIH | 紅外線發射二極體 | Epoxy resin | 0.7 | 1.6V/20mA | 940 | ±15 | 50mA | 5V |



| Part No. | Product No. | 製造廠商 | 說明 | Package | Po (mW) | Vf@If(mA) | λP(nm) | △θ(deg) | If max. | Vr max. |
|----------|-------------|-----------|----------|---------------------|---------|-----------|--------|---------|---------|---------|
| 10283 | SY-IR12 | SHIAN YIH | 紅外線發射二極體 | Ceramic Epoxy resin | 0.7 | 1.6/20mA | 940 | ±50 | 50mA | 5 |



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|----------|-------------|-----------|----------|---------|---------|-----------|--------|---------|---------|---------|
| 10286 | SY-IR15 | SHIAN YIH | 紅外線發射二極體 | SOT-23 | 0.7 | 1.6V/20mA | 940 | ±70 | 50mA | 5 |



| Part No. | Product No. | 製造廠商 | 說明 | Package | Po (mW) | Vf@If(mA) | λP(nm) | △θ(deg) | If max. | Vr max. |
|----------|-------------|-----------|----------|------------|---------|-----------|--------|---------|---------|---------|
| 65534 | SY-IR53 | SHIAN YIH | 紅外線發射二極體 | Epoxyresin | 20mW | 1.6/20mA | 940 | ±15 | 100mA | 5 |



| Part No. | Product No. | 製造廠商 | 說明 | Package | Po (mW) | Vf@If(mA) | λP(nm) | △θ(deg) | If max. | Vr max. |
|----------|-------------|-----------|----------|-------------|------------|-----------|--------|---------|---------|---------|
| 2883 | SY-IR74Y | SHIAN YIH | 紅外線發射二極體 | Epoxy resin | 1.8mW/20mA | 1.6V/20mA | 940 | ±15 | 60mA | 5V |



TOSHIBA

| Part No. | Product No. | 製造廠商 | 說明 | Package | Po (mW) | Vf@If(mA) | λP(nm) | △θ(deg) | If max. | Vr max. |
|----------|-------------|---------|------------------|---------|---------|-----------|--------|---------|---------|---------|
| 39201 | TLN108 | TOSHIBA | 紅外線發射二極體(GaAlAs) | TO-18 | 3mW | 1.3/50mA | 940 nm | ±8deg | 100mA | 5V |

