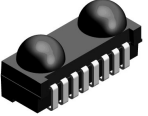
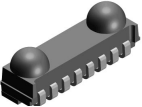
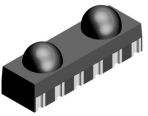

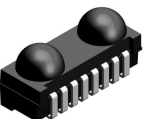
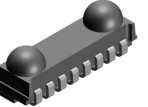
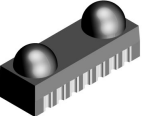
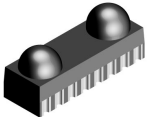
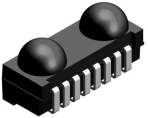
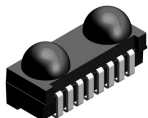
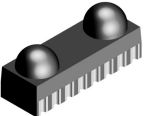
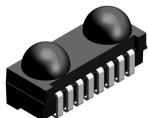
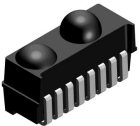
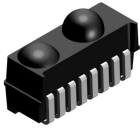
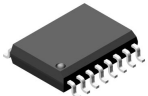


DESCRIPTION	PART NUMBER	DATARATE MODE 1 [kbit/s]	V_s [V]	I_s @ 5 V [mA]	E_e^* typ MODE 1 [mW/m ²]		
Baby Face Package SIR Transceivers 	TFDU4100	2.4 - 115.2	(2.4) 2.7- 5.5	1.3 (@2.7V)	20		
Tiny Face Package SIR Transceivers 	TFDU4300	9.6 - 115.2	2.4 - 5.5	0.12	40		
Microline (6 pin) Package SIR Transceivers 	TFBS4710	9.6 - 115.2	(2.4) 2.7- 5.5	0.9 (@2.7V)	25		
Micro Face Package SIR Transceivers 	TFDU4201	2.4 - 115.2	(2.0) 2.4 to 3.6	0.05	25		
	TFDU4202	2.4 - 115.2	(2.0) 2.4 to 5.5	0.07	25		
	TFDU4203	2.4 - 115.2	(2.0) 2.4 to 5.5	0.07	25		
DESCRIPTION	PART NUMBER	DATARATE MODE 1 [kbit/s]	DATARATE MODE 2 [kbit/s]	V_s [V]	I_s @ 5 V [mA]	E_e^* typ MODE 1 [mW/m ²]	E_e^* typ MODE 2 [mW/m ²]
Baby Face Package MIR Transceivers 	TFDU5102	9.6 - 115.2	>115.2 - 1152	2.7 - 5.5	3	25	65
Tiny Face Package MIR Transceivers 	TFDU5307	9.6 - 115.2	-	2.7 - 5.5	0.55	40	-
Microline (7 pin) Package MIR Transceivers 	TFBS5614	9.6 - 115.2	>115.2 - 1152	2.7 - 5.5	0.55	40	-

DESCRIPTION	PART NUMBER	DATARATE MODE 1 [kbit/s]	DATARATE MODE 2 [kbit/s]	V _s [V]	I _s @ 5 V [mA]	E _e * typ MODE 1 [mW/m ²]	E _e * typ MODE 2 [mW/m ²]
Microline (8 pin) Package MIR Transceivers 	TFBS5617	9.6 - 115.2	>115.2 - 1152	2.7 - 5.5	0.5	20	50
Baby Face Package FIR Transceivers 	TFDU6102	9.6 - 115.2	>115.2 - 4000	2.7 - 5.5	2	25	85
Baby Face Package VFIR Transceivers 	TFDU6108	9.6 - 115.2	>115.2 - 4000	2.7 - 5.5	2	25	85
Microline (8 pin) Package FIR Transceivers 	TFBS6614	9.6 - 115.2	>115.2 - 4000	2.7 - 5.5	2.0	25	85
Baby Face Package VFIR Transceivers 	TFDU8108-TR3	9.6 - 115.2	>115.2 - 16000	2.7 - 5.5	2	25	85
DESCRIPTION	PART NUMBER	SUPPORTED DATARATE [kbit/s]	REVERSE VOLTAGE V _{Rev} [V]	RISE / FALLTIME t _r , t _f [ns]	INTENSITY I _e @ I _F = 35 mA, ± φ < 15°	FORWARD VOLTAGE V _F @ I _F = 50 mA	PEAK EMISSION WAVELENGTH [nm]
Micro Face Package Transceivers w/o ASIC (Emitter) 	TFDU2201(E)	9.6 - 4000	< 5	38	8 (> 4)	1.35 (>1.2, <1.45)	890

DESCRIPTION	PART NUMBER	SUPPORTED DATARATE [kbit/s]	REVERSE BIAS VOLTAGE V_{Rev} [V]	REVERSE LEAKAGE CURRENT $I_r @ V_{Rev} = 10 V$ [nA]	PHOTOCURRENT $I_{ra} @ E_e = 1 mW/m^2, \pm \phi < 150, \lambda = 875 nm, V_R = 2 V$ [nA]	RISE / FALLTIME $t_r / t_f @ \lambda = 875 nm, V_R = 2 V, R_L = 50 \Omega$ [ns]	SPECTRAL BANDWIDTH [nm]
Micro Face Package Transceivers w/o ASIC (Detector) 	TFDU2201(D)	9.6 - 4000	< 12	0,2	1.2 (> 1)	40	800 - 950
DESCRIPTION	PART NUMBER	DATARATE MODE 1 [kbit/s]	V_s [V]	$I_s @ 3 V$ [mA]	APPLICATIONS		
SO16 Package Encoder-Decoder 	TOIM4232	1.2 - 115.2	3.0	-	Interface IC		